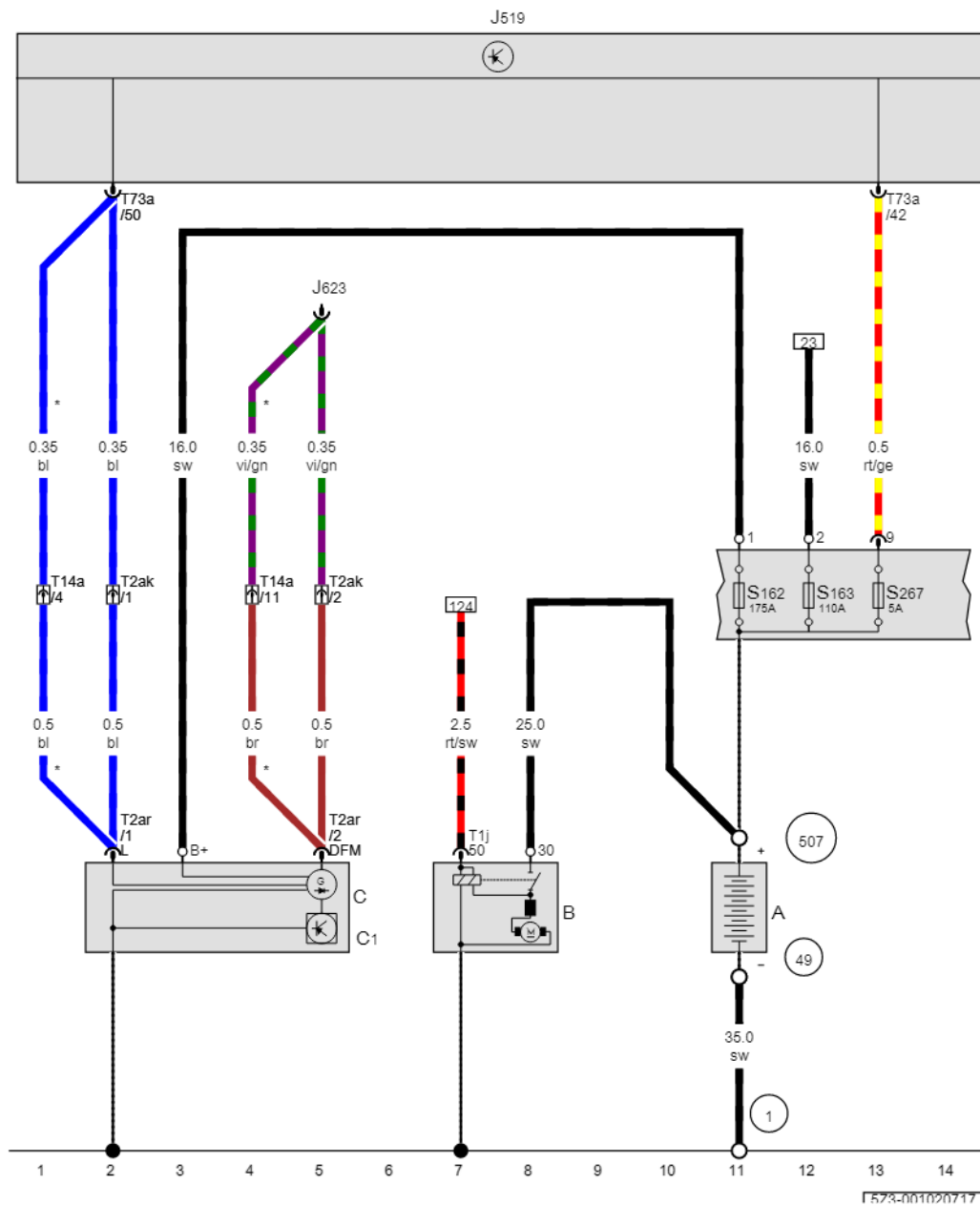


## Onboard supply control unit , (BFM)

From April 2013







Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S267 Fuse 9 (30), in battery fuse holder
- T1J 1-pin connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* For models with BlueMotion equipment

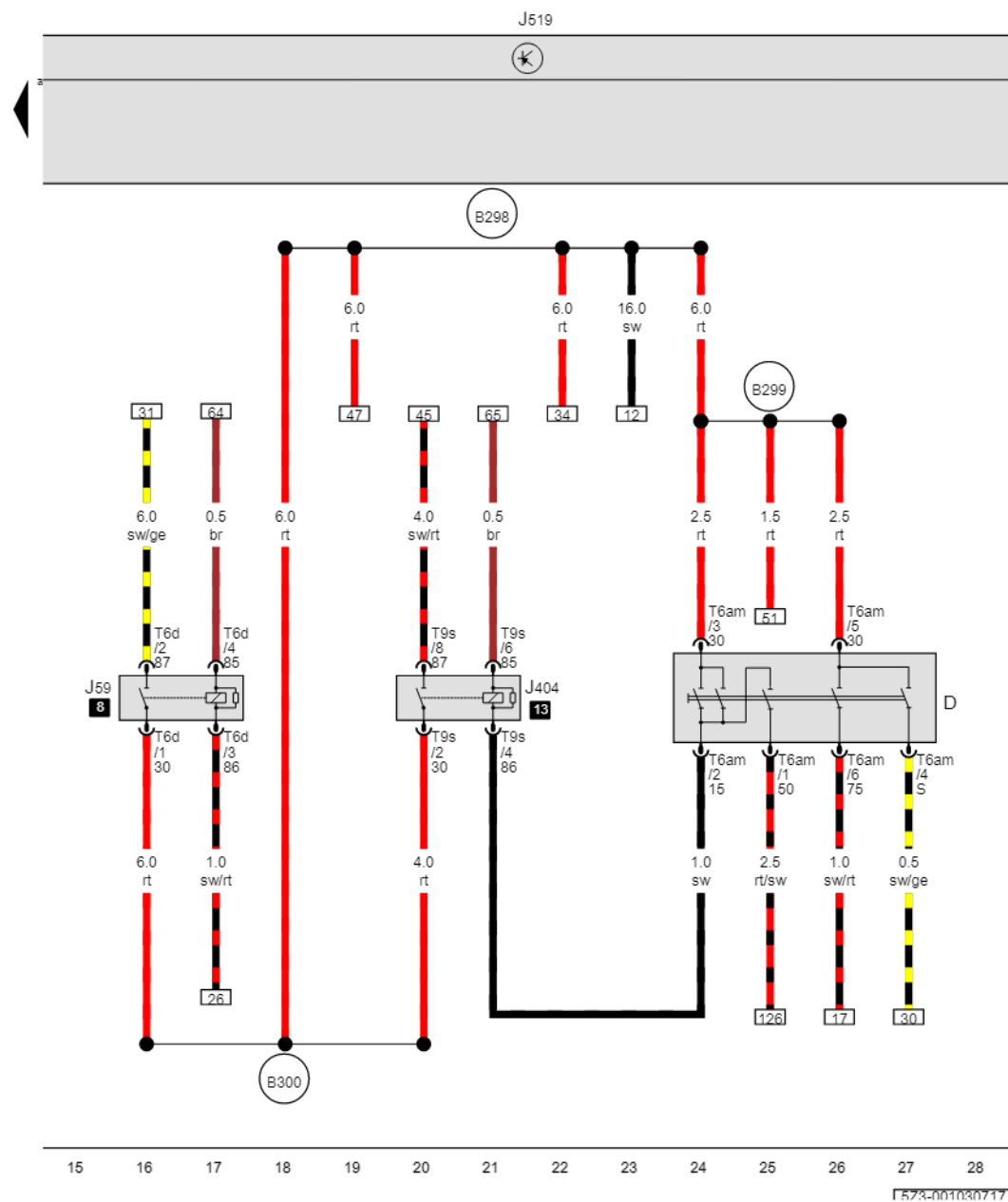
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness

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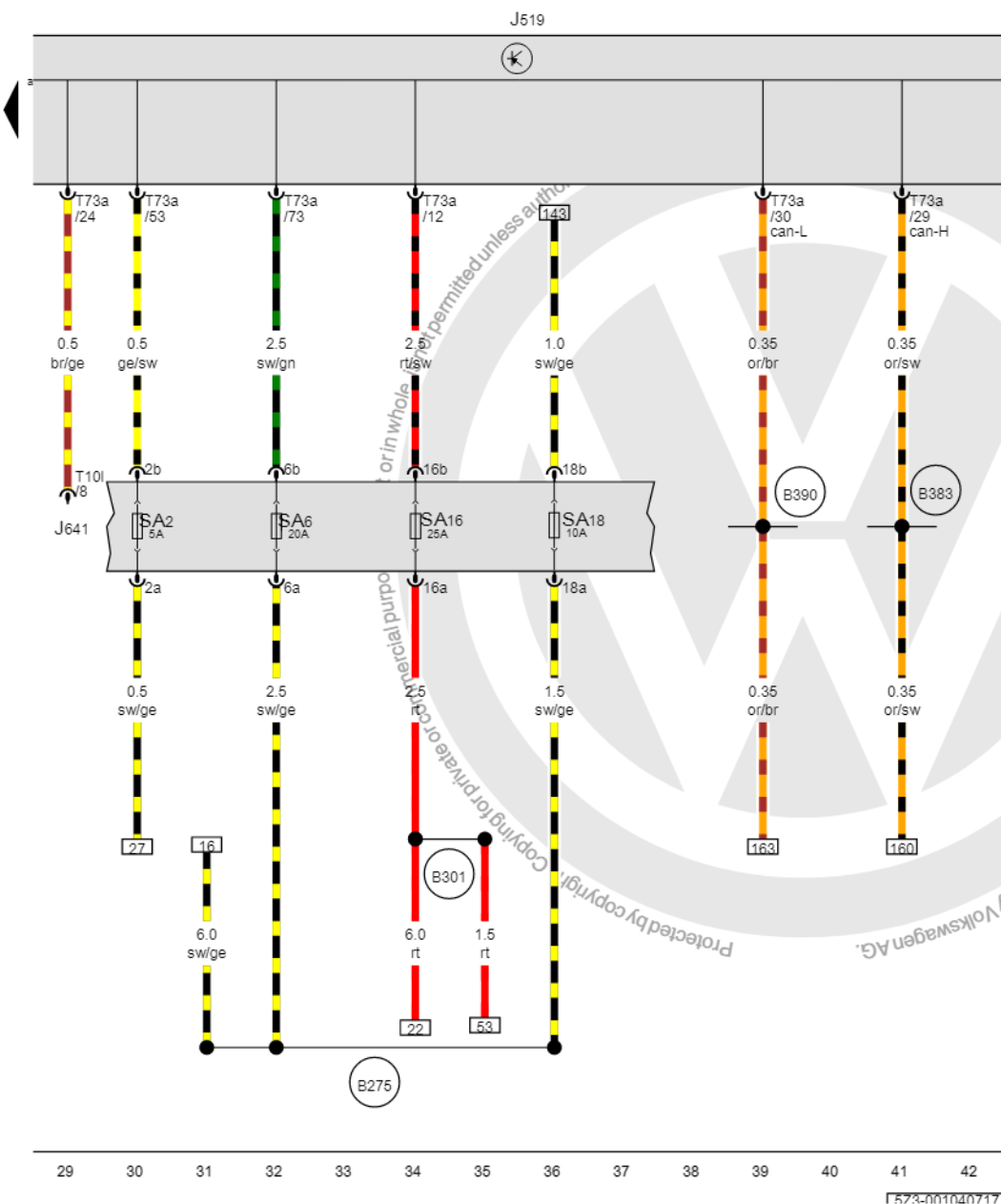


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- gr = grey
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- vi = purple
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- rs = pink

# Onboard supply control unit

- J519 Onboard supply control unit
- J641 Alarm horn relay
- SA2 Fuse 2 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA16 Fuse 16 on fuse holder A
- SA18 Fuse 18 on fuse holder A
- T10l 10-pin connector
- T73a 73-pin connector

- (B275) Positive connection (87), in main wiring harness
- (B301) Positive connection 5 (30), in main wiring harness
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness

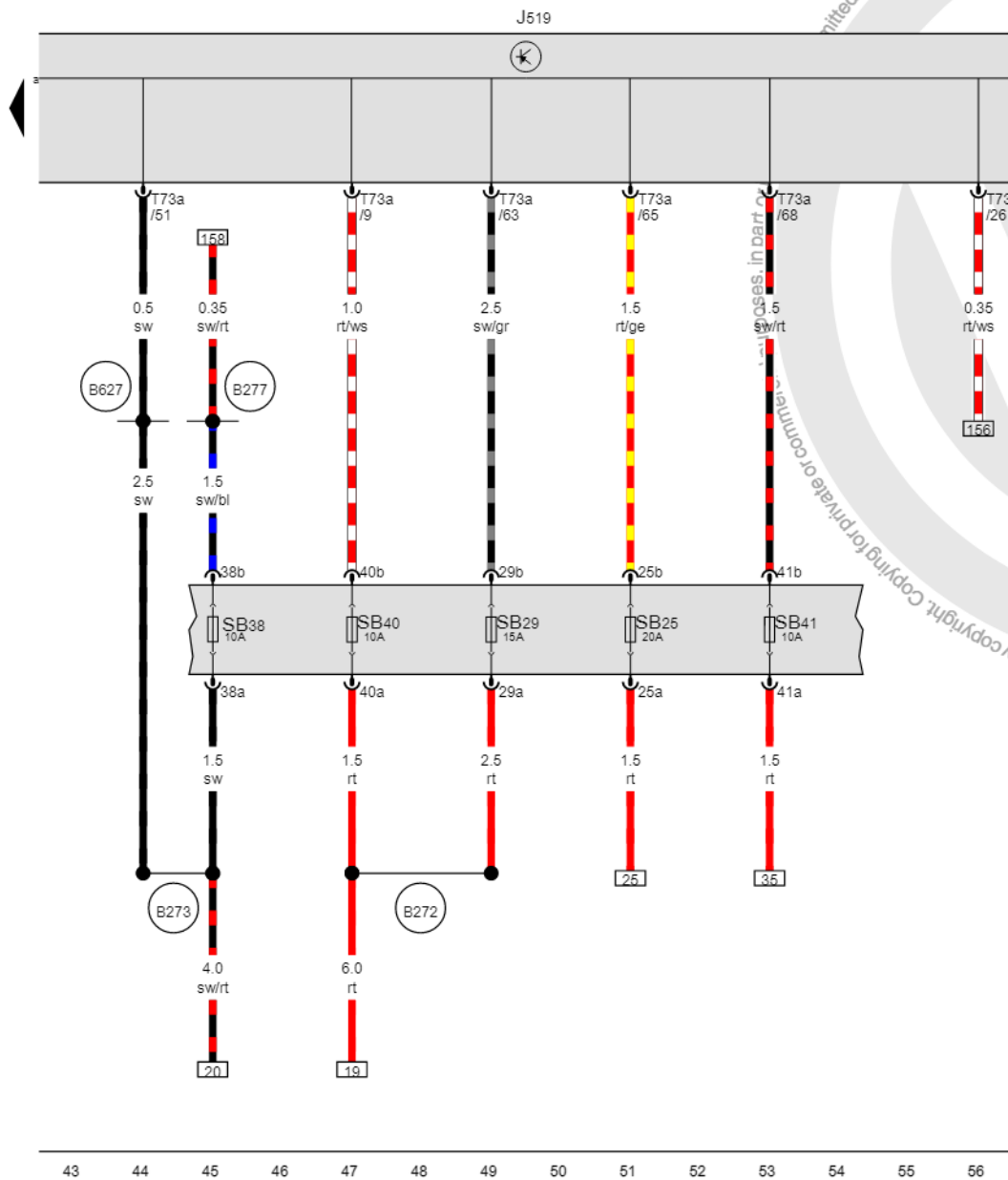


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### Onboard supply control unit

- J519 Onboard supply control unit
- SB25 Fuse 25 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB40 Fuse 40 on fuse holder B
- SB41 Fuse 41 on fuse holder B
- T73a 73-pin connector

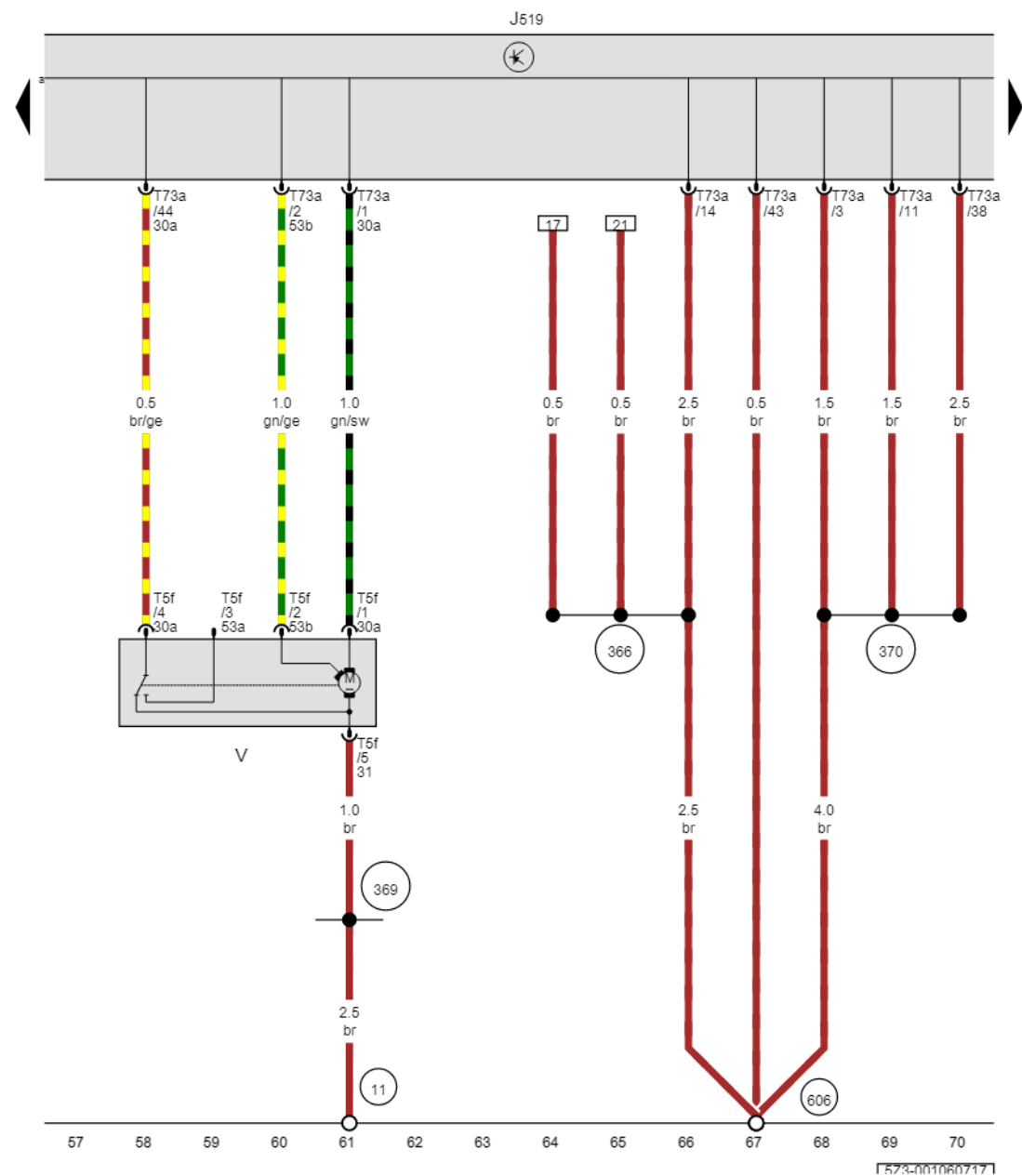
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B277) Positive connection 1 (15a), in main wiring harness
- (B627) Positive connection 3 (15) in main wiring harness



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43 44 45 46 47 48 49 50 51 52 53 54 55 56

[573-001050717]



# Onboard supply control unit, Windscreen wiper motor

J519 Onboard supply control unit  
T5f 5-pin connector  
T73a 73-pin connector  
V Windscreen wiper motor

- 11 Earth point, in battery box
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 606 Earth point, under the centre console near gear stick

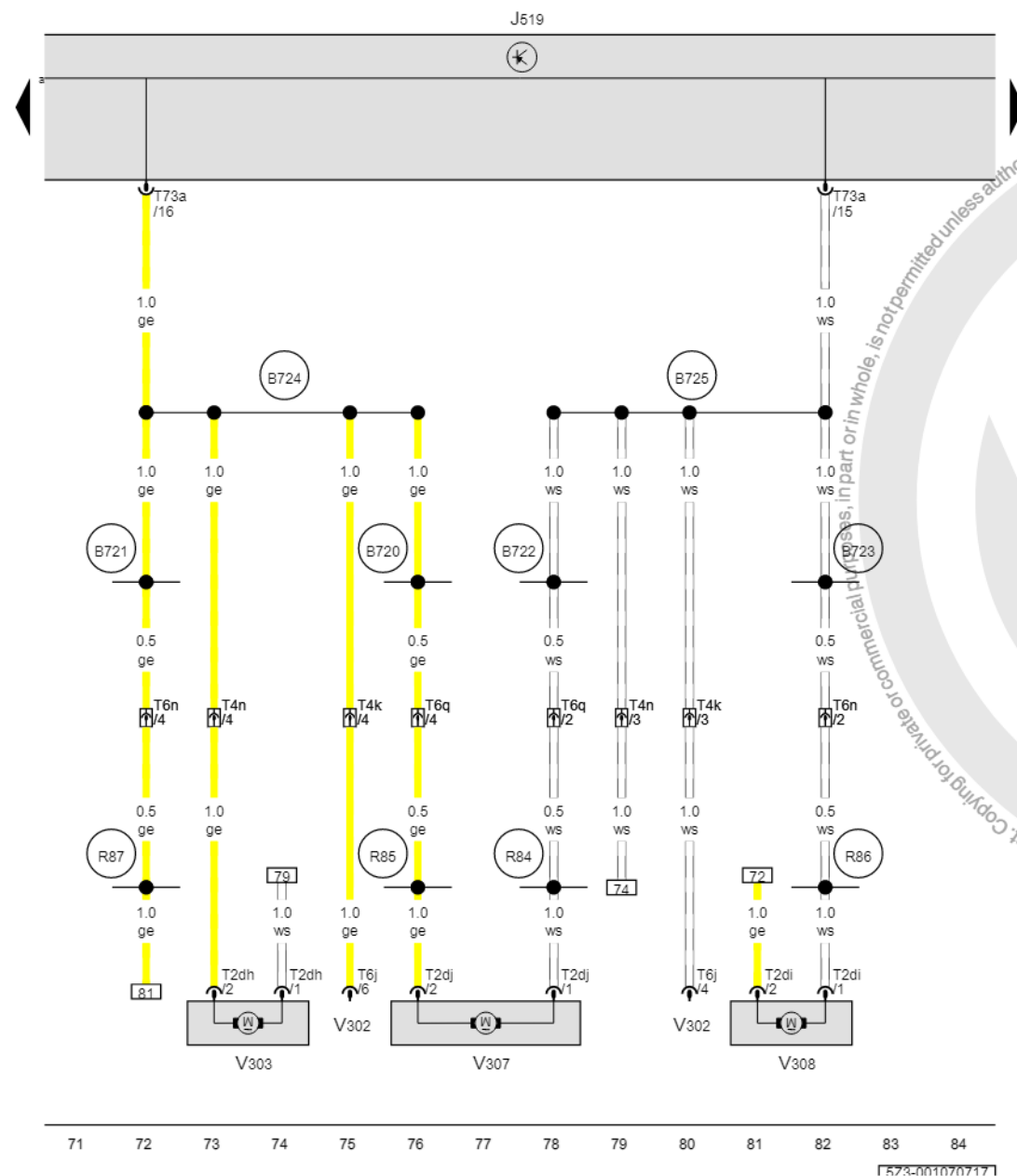
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Onboard supply control unit

- J519 Onboard supply control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4k 4-pin connector, in front left door
- T4n 4-pin connector, in front right door
- T6j 6-pin connector
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector, in rear left door
- T73a 73-pin connector
- V302 Driver door power latching motor
- V303 Front passenger door power latching motor
- V307 Rear left power latching motor
- V308 Rear right power latching motor

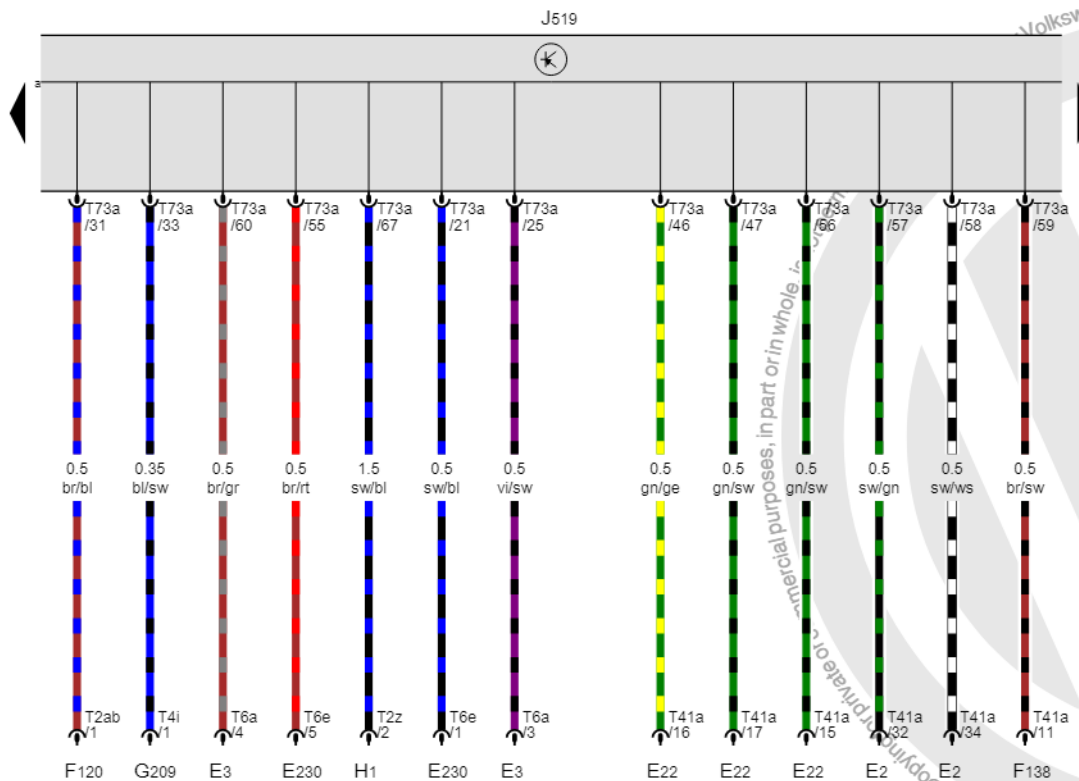
- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B724 Connection (central locking unlocked), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness

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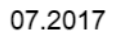


Onboard supply control unit

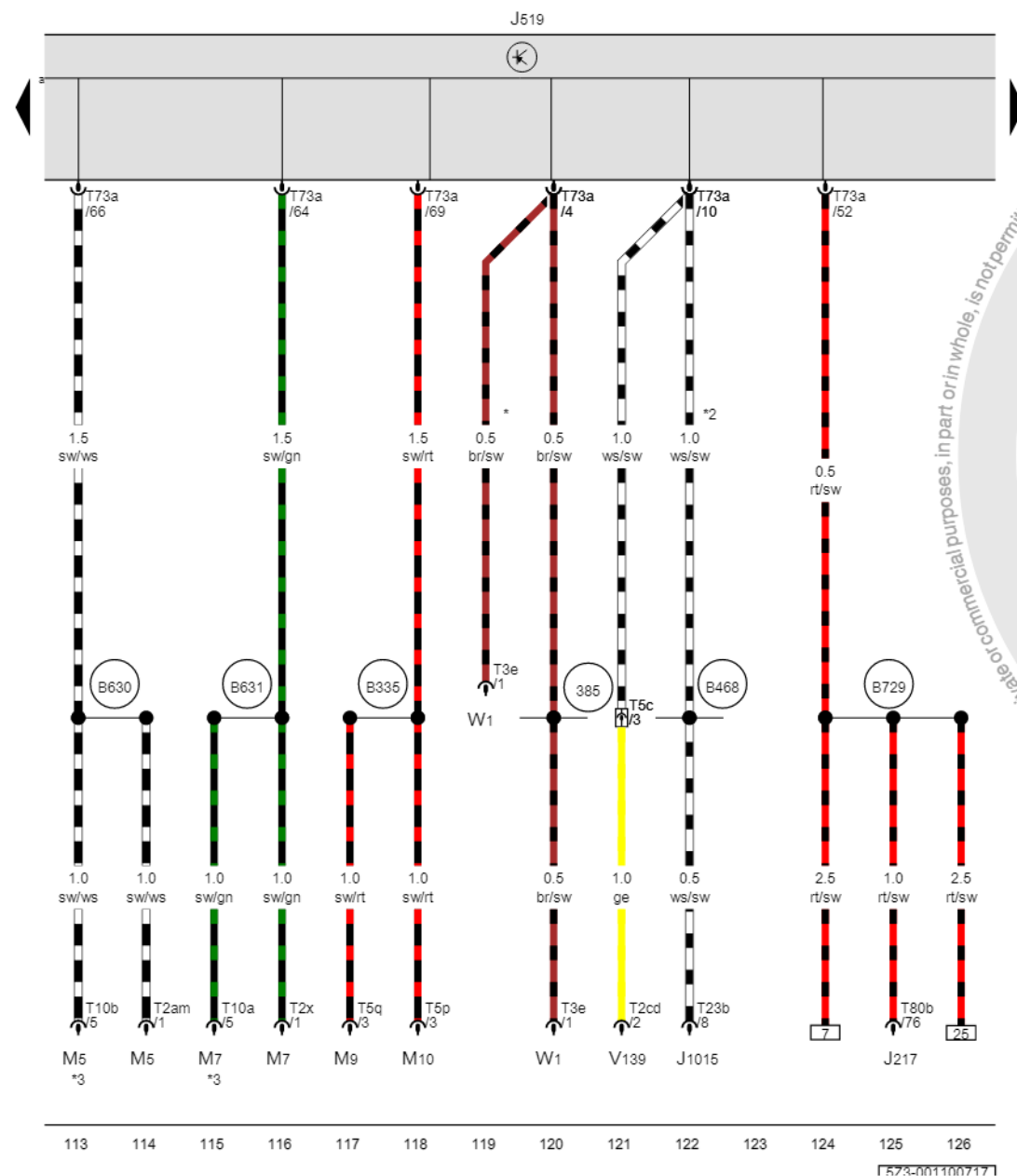
- E2 Turn signal switch
- E3 Hazard warning light switch
- E22 Intermittent wiper switch
- E230 Heated rear window button
- F120 Anti-theft alarm and vermin repellent system contact switch
- F138 Airbag coil connector and return ring with slip ring
- G209 Anti-theft alarm ultrasonic sensor
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- T2ab 2-pin connector
- T2z 2-pin connector
- T4i 4-pin connector
- T6a 6-pin connector
- T6e 6-pin connector
- T41a 41-pin connector
- T73a 73-pin connector



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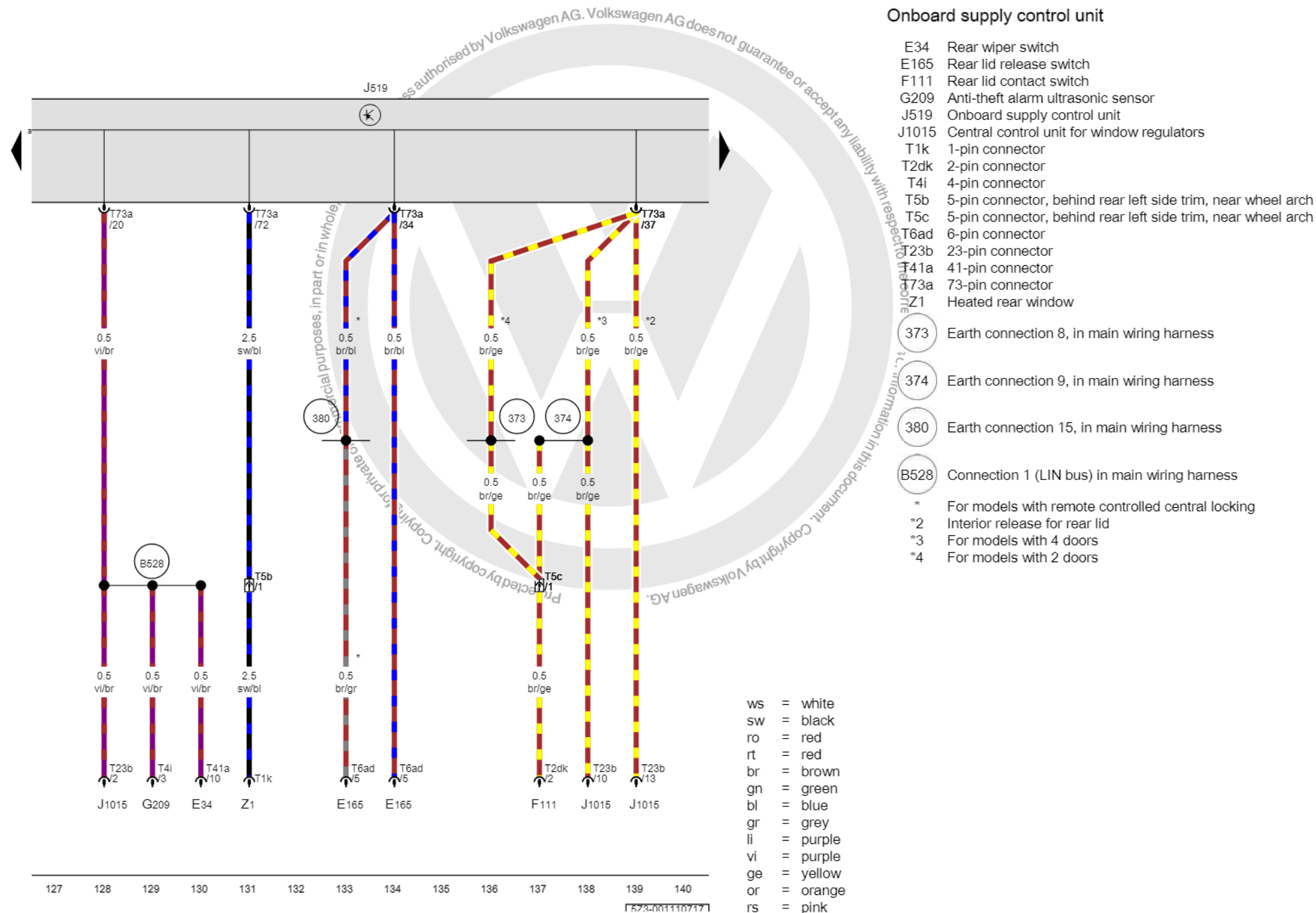






# Onboard supply control unit

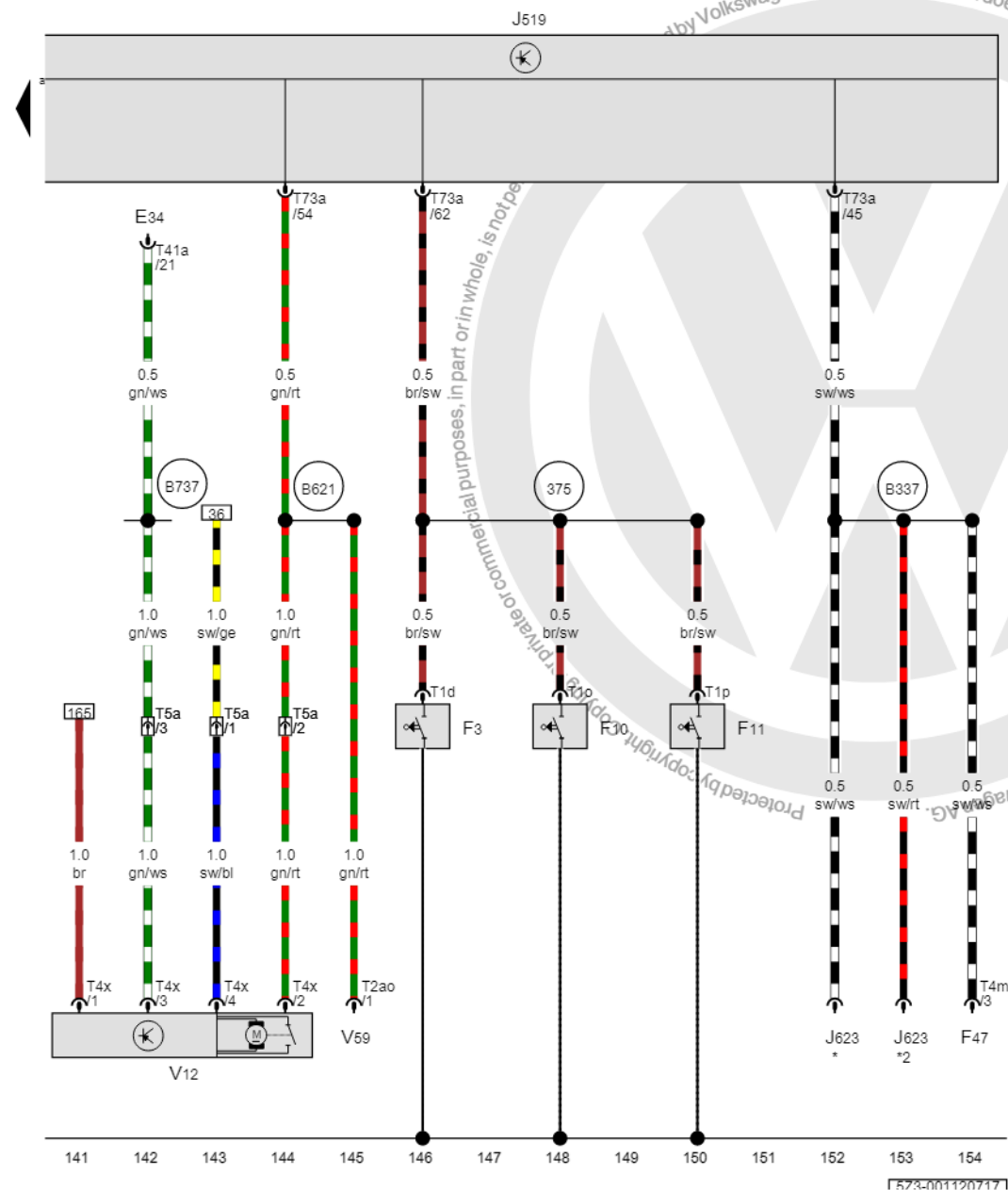
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- T2am 2-pin connector
- T2cd 2-pin connector
- T2x 2-pin connector
- T3e 3-pin connector
- T3c 5-pin connector, behind rear left side trim, near wheel arch
- T5p 5-pin connector
- T5q 5-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T23b 23-pin connector
- T73a 73-pin connector
- T80b 80-pin connector
- V139 Rear lid release motor
- W1 Front interior light
- 385 Earth connection 20, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B468 Connection 4, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- \* For models with no rear reading lights
- \*2 For models with interior handle for rear lid
- \*3 For models with dual headlights



Onboard supply control unit

- E34 Rear wiper switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- F47 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1o 1-pin connector
- T1p 1-pin connector
- T2ao 2-pin connector
- T4m 4-pin connector
- T4x 4-pin connector
- T5a 5-pin connector
- T41a 41-pin connector
- T73a 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- 375 Earth connection 10, in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B621 Connection 1 (53c), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness
- \* For models with 1.6l engine
- \*2 For models with 1.0l Total Flex engine

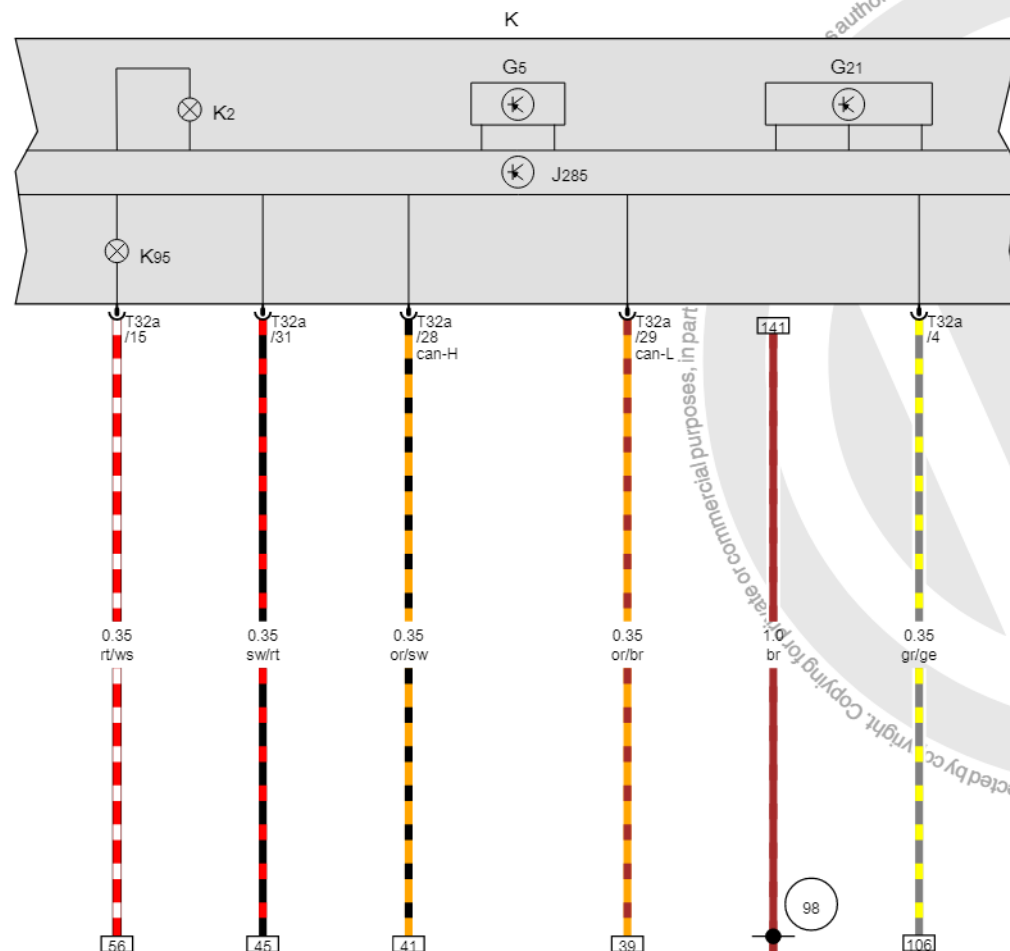
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 or = orange  
 rs = pink



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Alarm system warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector

- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness

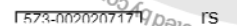


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## Onboard supply control unit , (BCM)

From April 2013





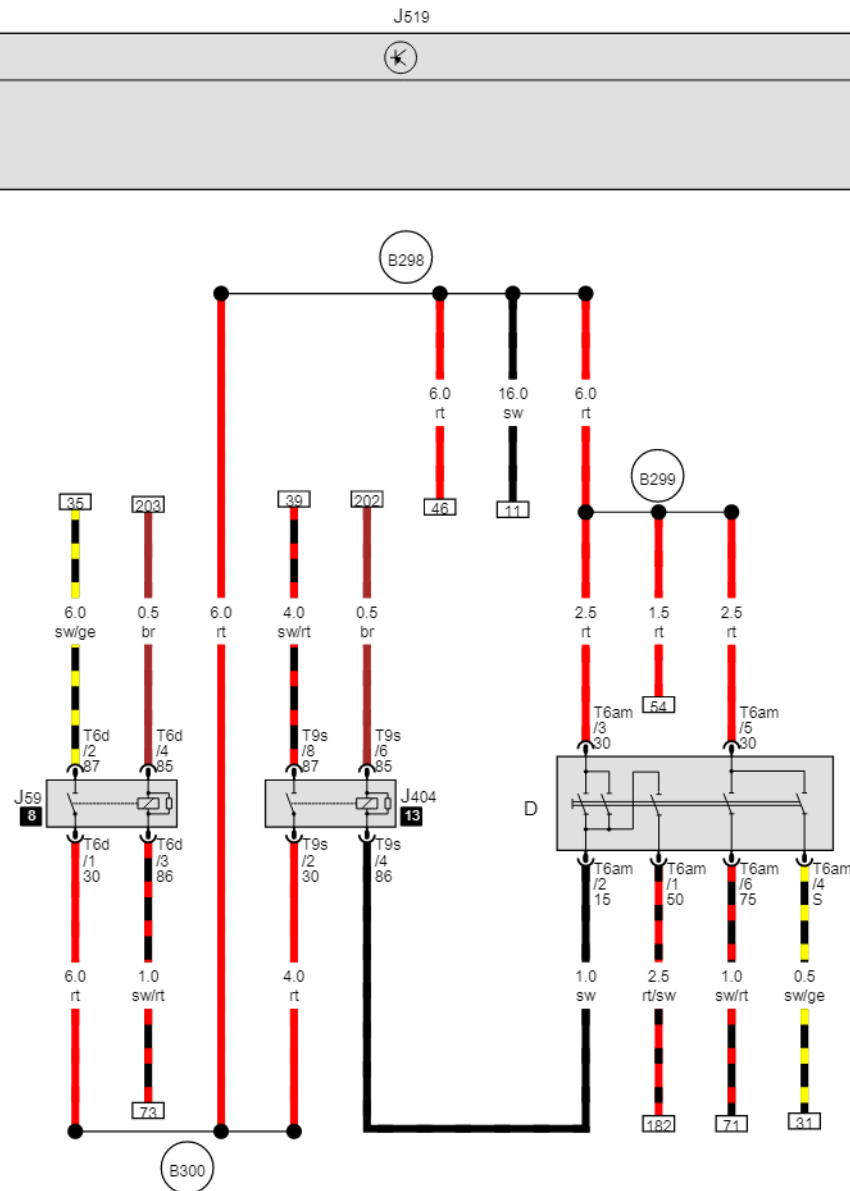
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

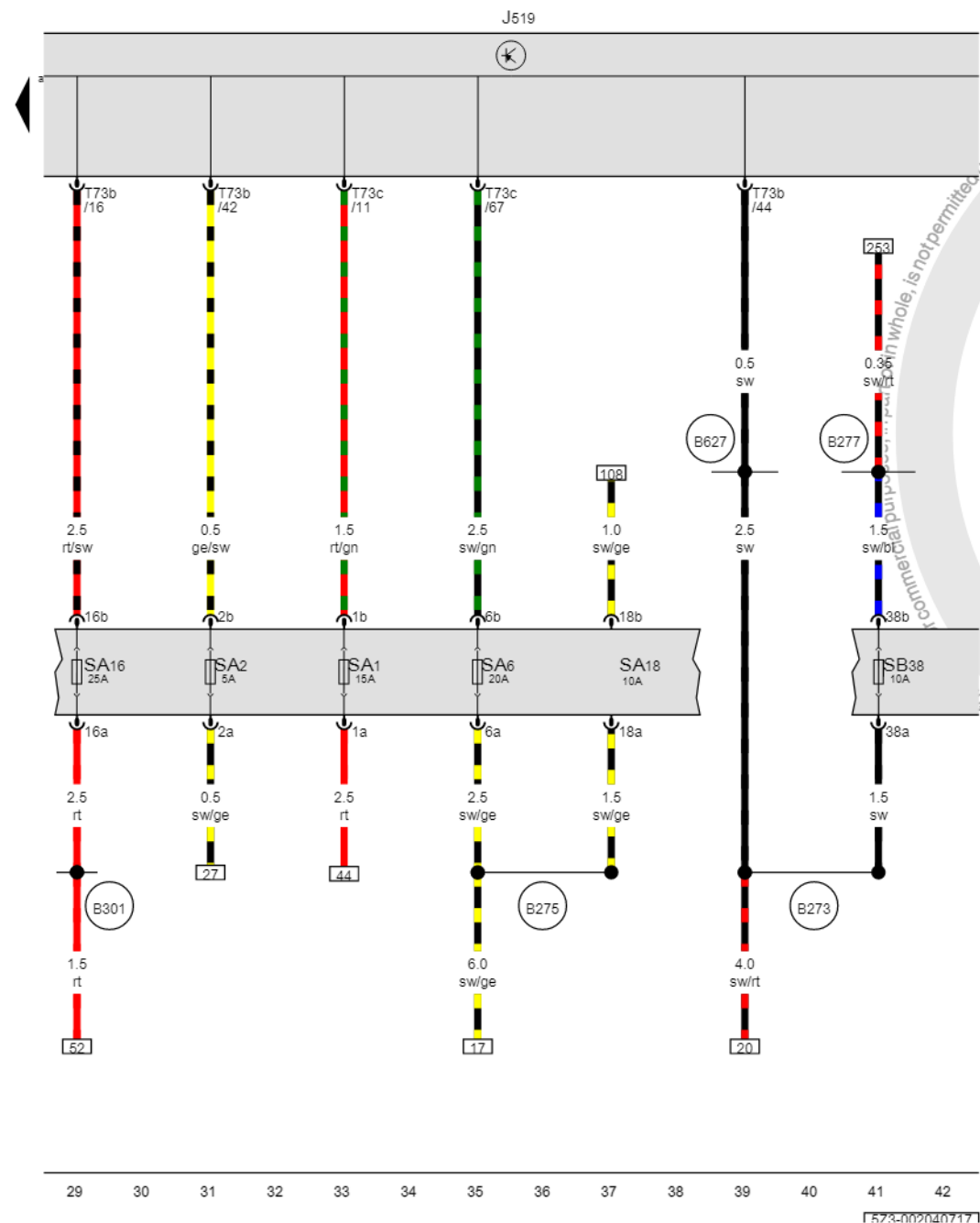
B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

B300 Positive connection 4 (30), in main wiring harness



- ws = white
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# Onboard supply control unit

J519 Onboard supply control unit

SA1 Fuse 1 on fuse holder A

SA2 Fuse 2 on fuse holder A

SA6 Fuse 6 on fuse holder A

SA16 Fuse 16 on fuse holder A

SA18 Fuse 18 on fuse holder A

SB38 Fuse 38 on fuse holder B

T73b 73-pin connector

T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

B275 Positive connection (87), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

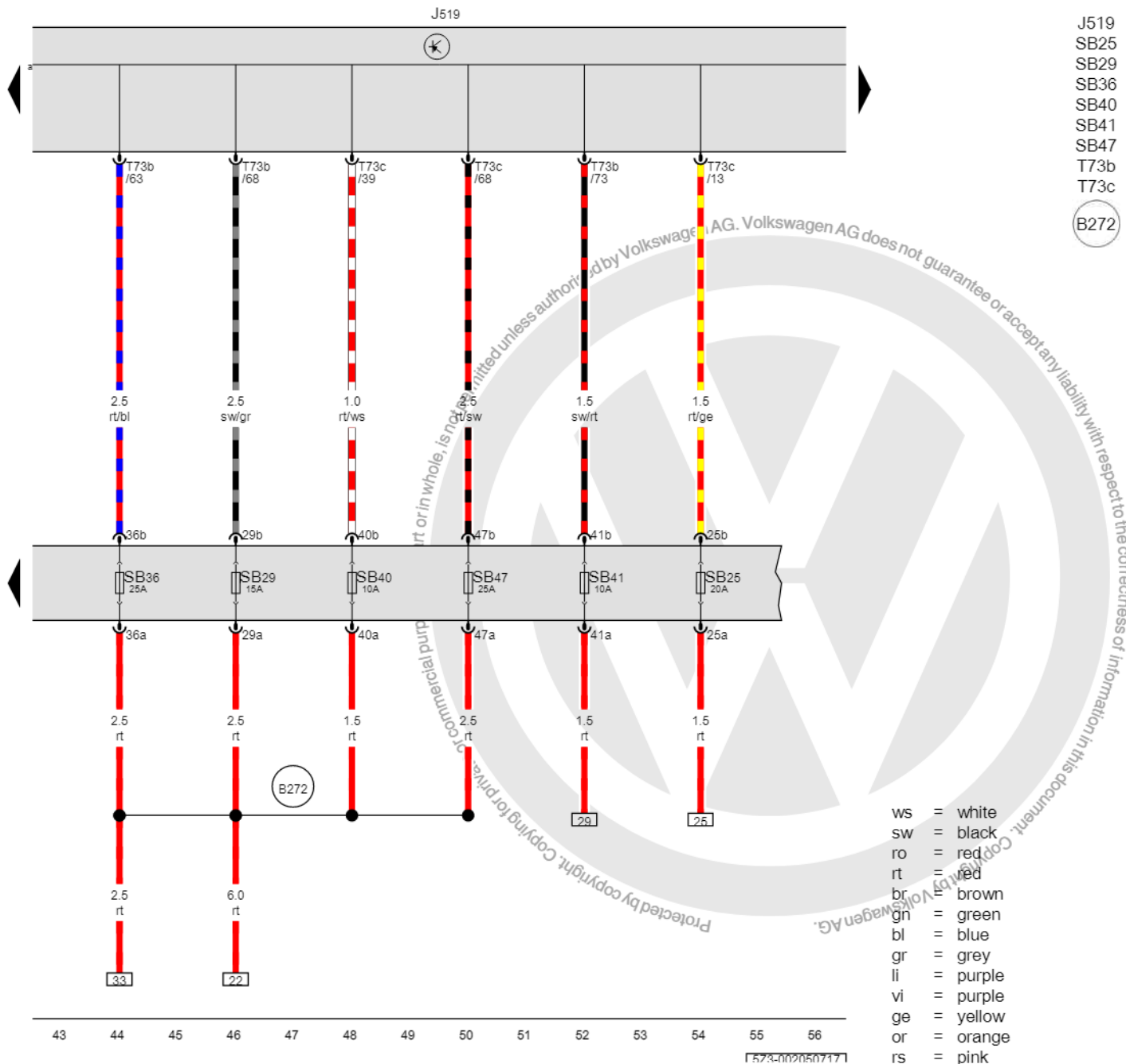
B301 Positive connection 5 (30), in main wiring harness

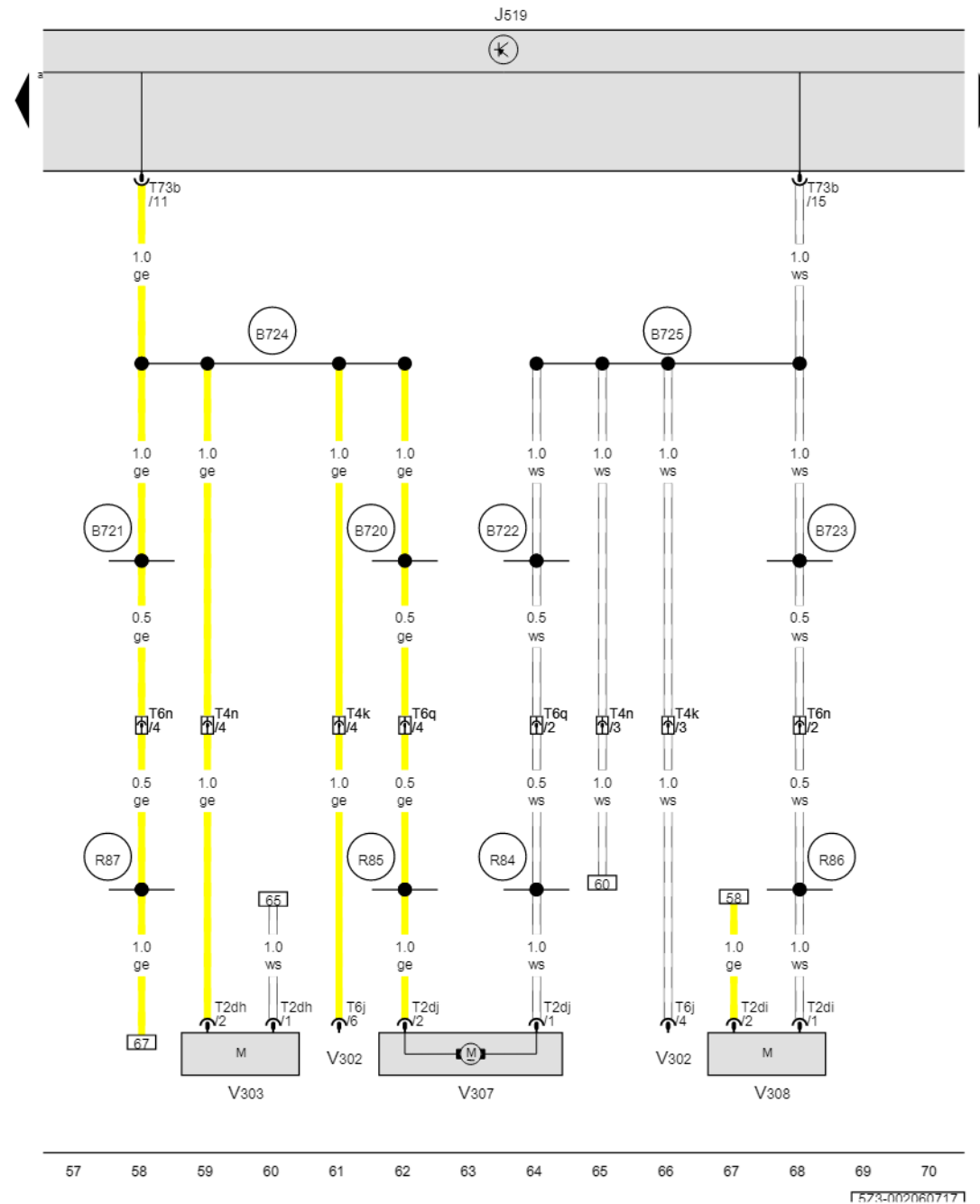
B627 Positive connection 3 (15), in main wiring harness



Onboard supply control unit

- J519 Onboard supply control unit  
 SB25 Fuse 25 on fuse holder B  
 SB29 Fuse 29 on fuse holder B  
 SB36 Fuse 36 on fuse holder B  
 SB40 Fuse 40 on fuse holder B  
 SB41 Fuse 41 on fuse holder B  
 SB47 Fuse 47 on fuse holder B  
 T73b 73-pin connector  
 T73c 73-pin connector  
 B272 Positive connection (30), in main wiring harness



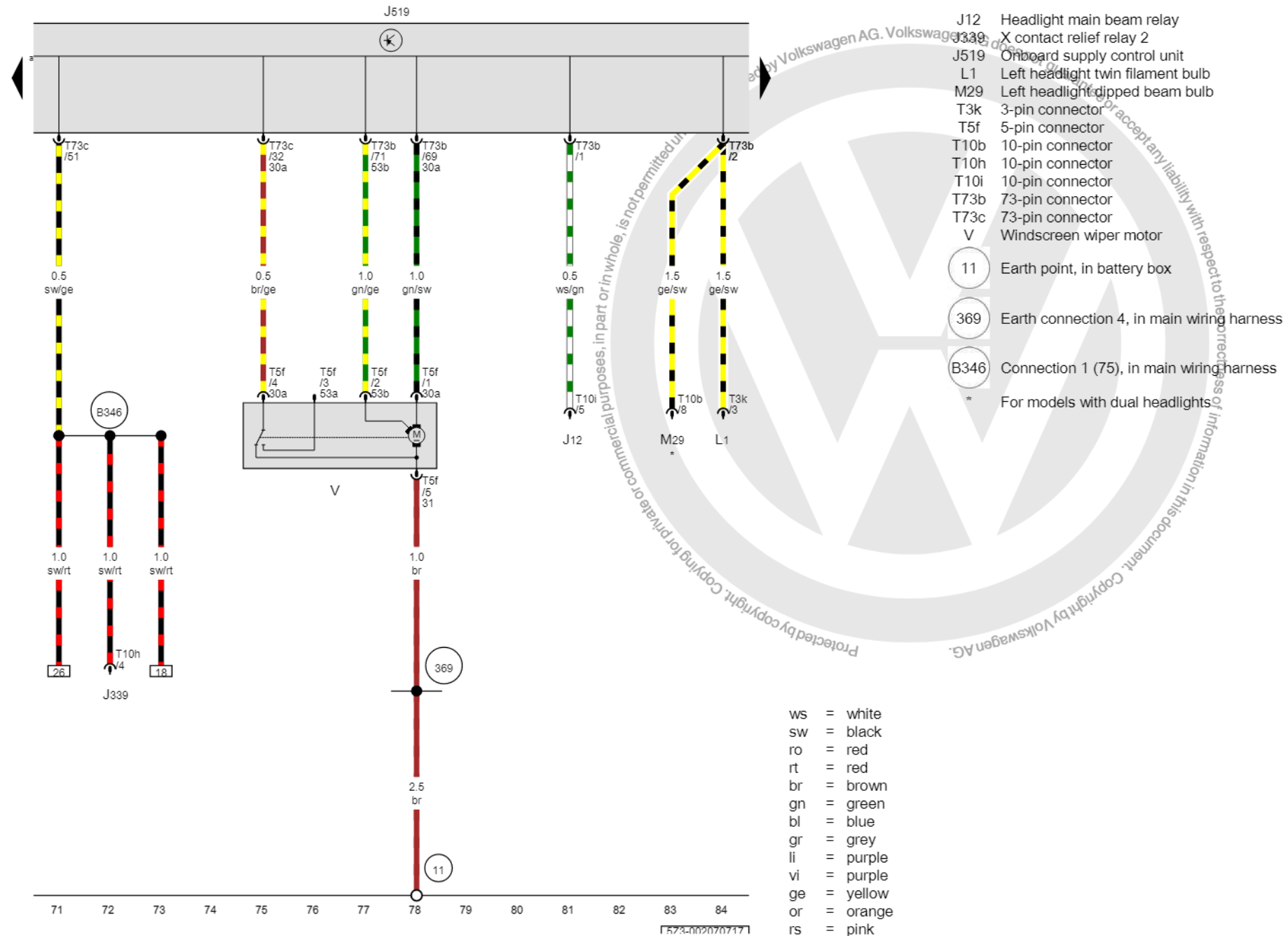


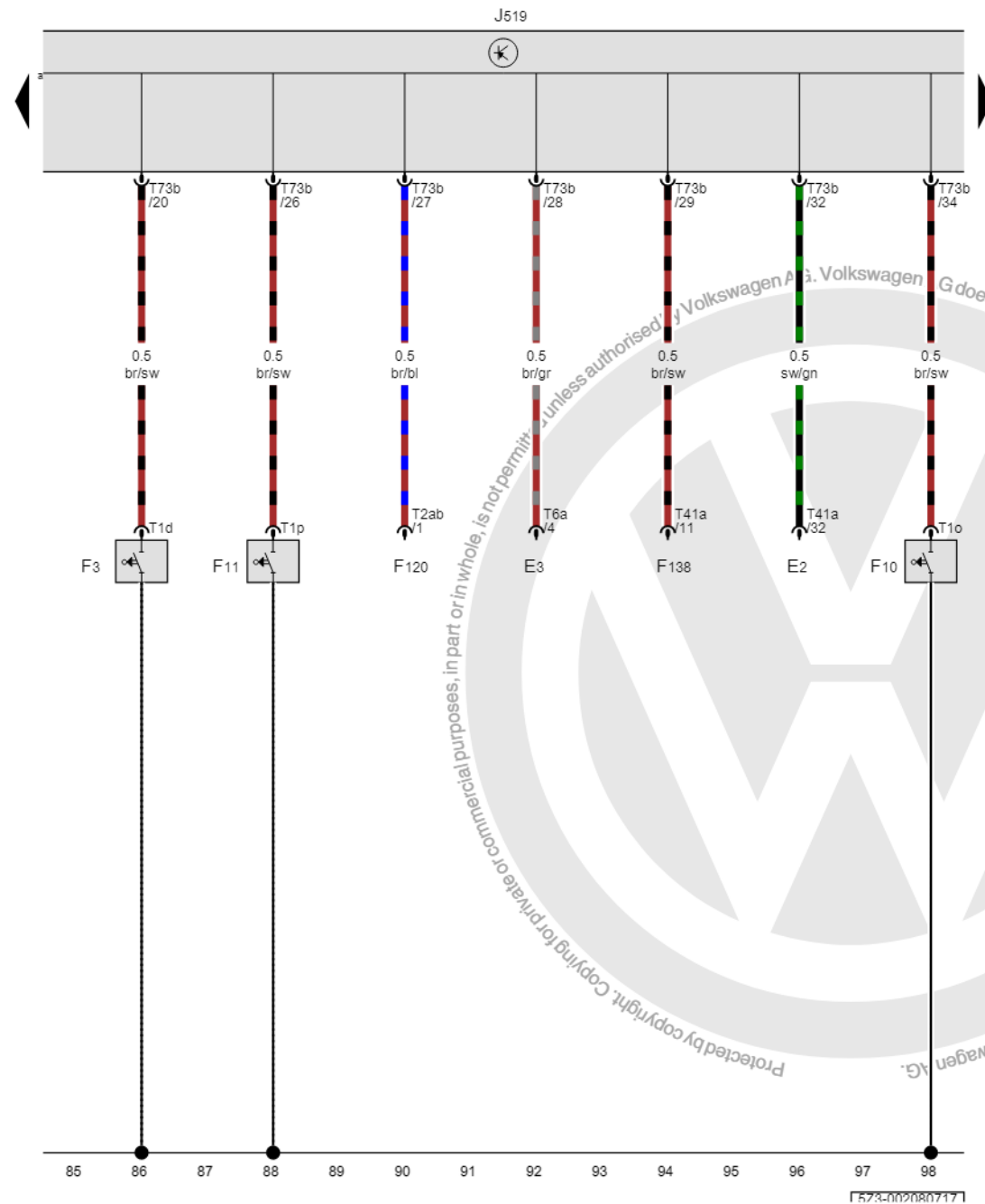
### Onboard supply control unit

- J519 Onboard supply control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4k 4-pin connector, in front left door
- T4n 4-pin connector, in front right door
- T6j 6-pin connector
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector
- T73b 73-pin connector
- V302 Driver door power latching motor
- V303 Front passenger door power latching motor
- V307 Rear left power latching motor
- V308 Rear right power latching motor

- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B724 Connection (central locking unlocked), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness

Onboard supply control unit, Windscreen wiper motor

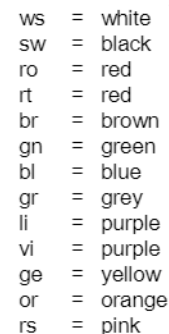




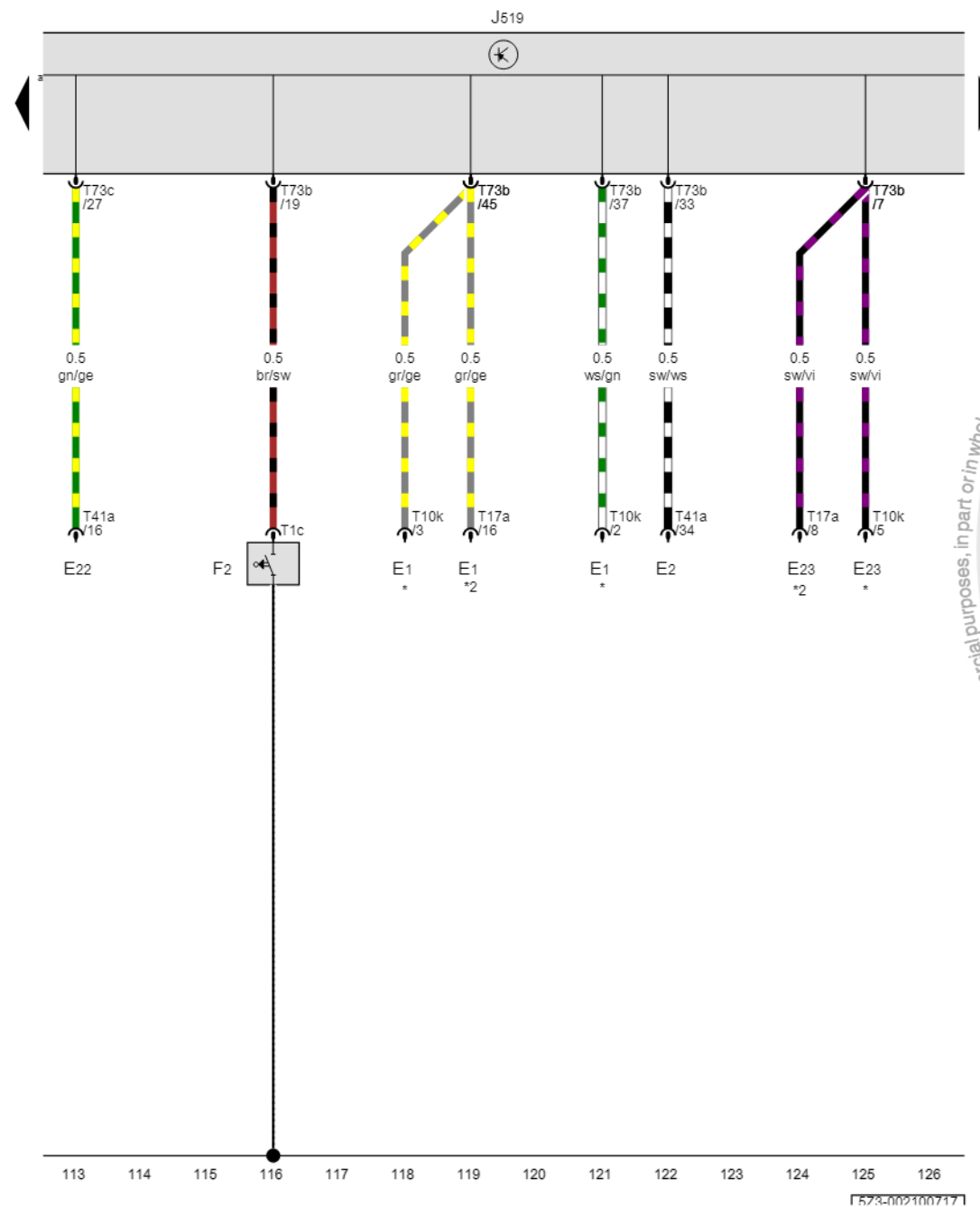
# Onboard supply control unit

- E2 Turn signal switch
- E3 Hazard warning light switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- F120 Anti-theft alarm and vermin repellent system contact switch
- F138 Airbag coil connector and return ring with slip ring
- J519 Onboard supply control unit
- T1d 1-pin connector
- T1o 1-pin connector
- T1p 1-pin connector
- T2ab 2-pin connector
- T6a 6-pin connector
- T41a 41-pin connector
- T73b 73-pin connector

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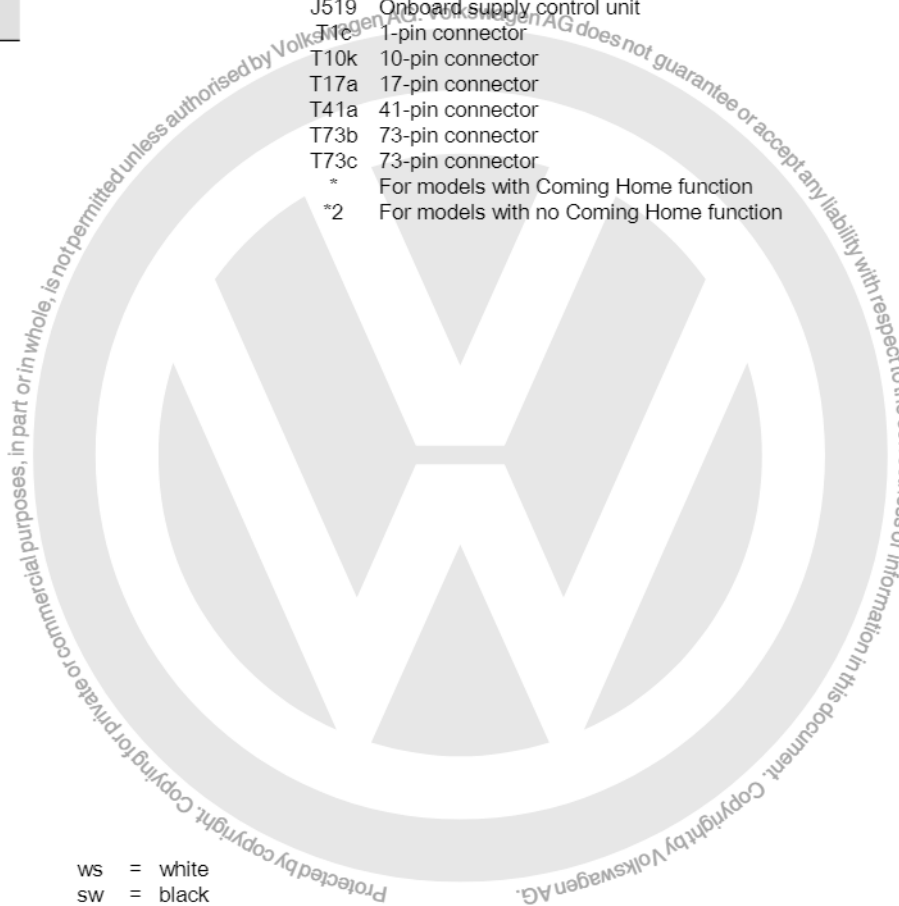


50	Earth point, on left in luggage compartment
98	Earth connection, in rear lid wiring harness
B737	Connection 2 (53c), in main wiring harness

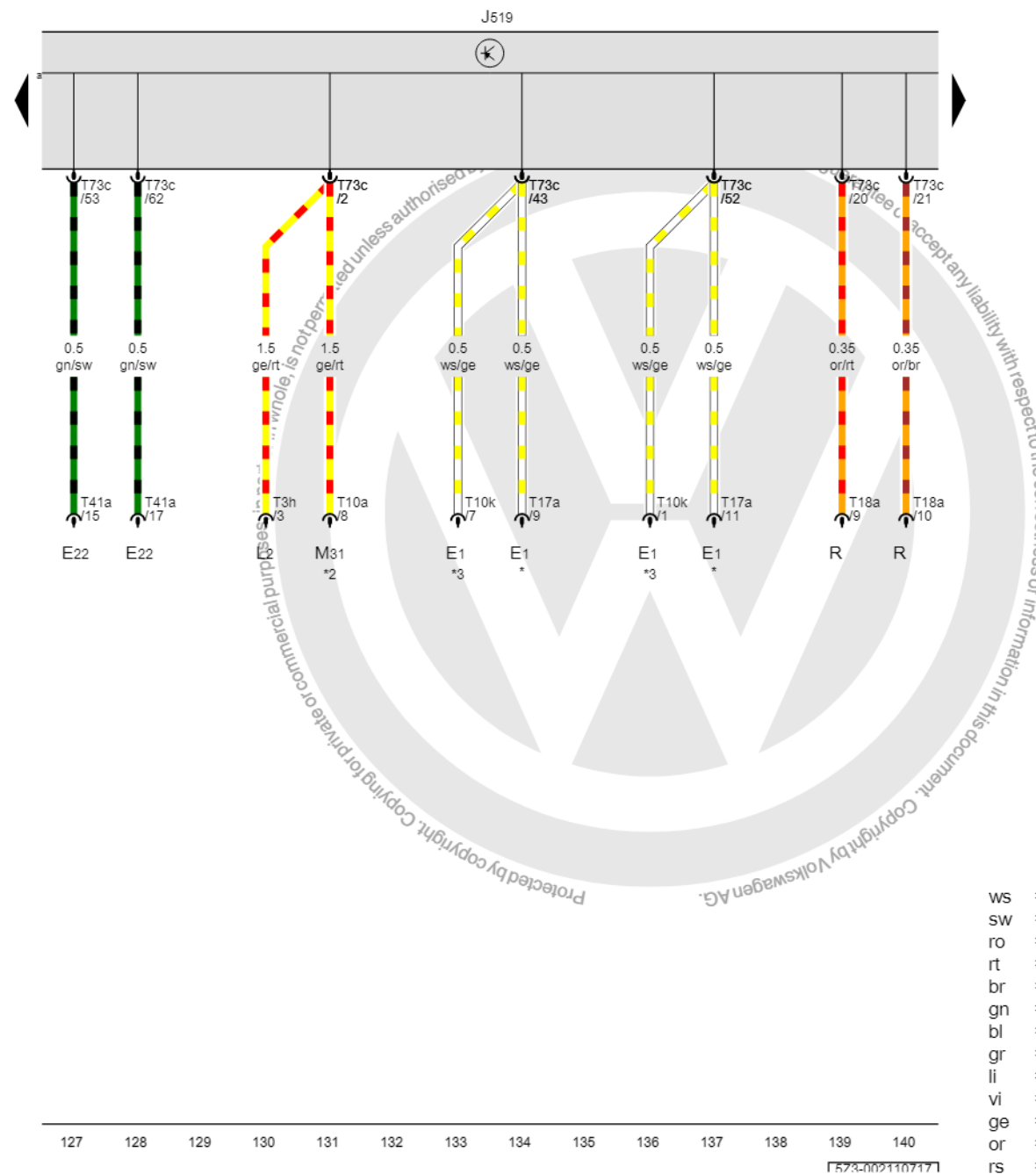


# Onboard supply control unit

- E1 Light switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E23 Front and rear fog light switch
- F2 Driver door contact switch
- J519 Onboard supply control unit
- T1c 1-pin connector
- T10k 10-pin connector
- T17a 17-pin connector
- T41a 41-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- \* For models with Coming Home function
- \*2 For models with no Coming Home function

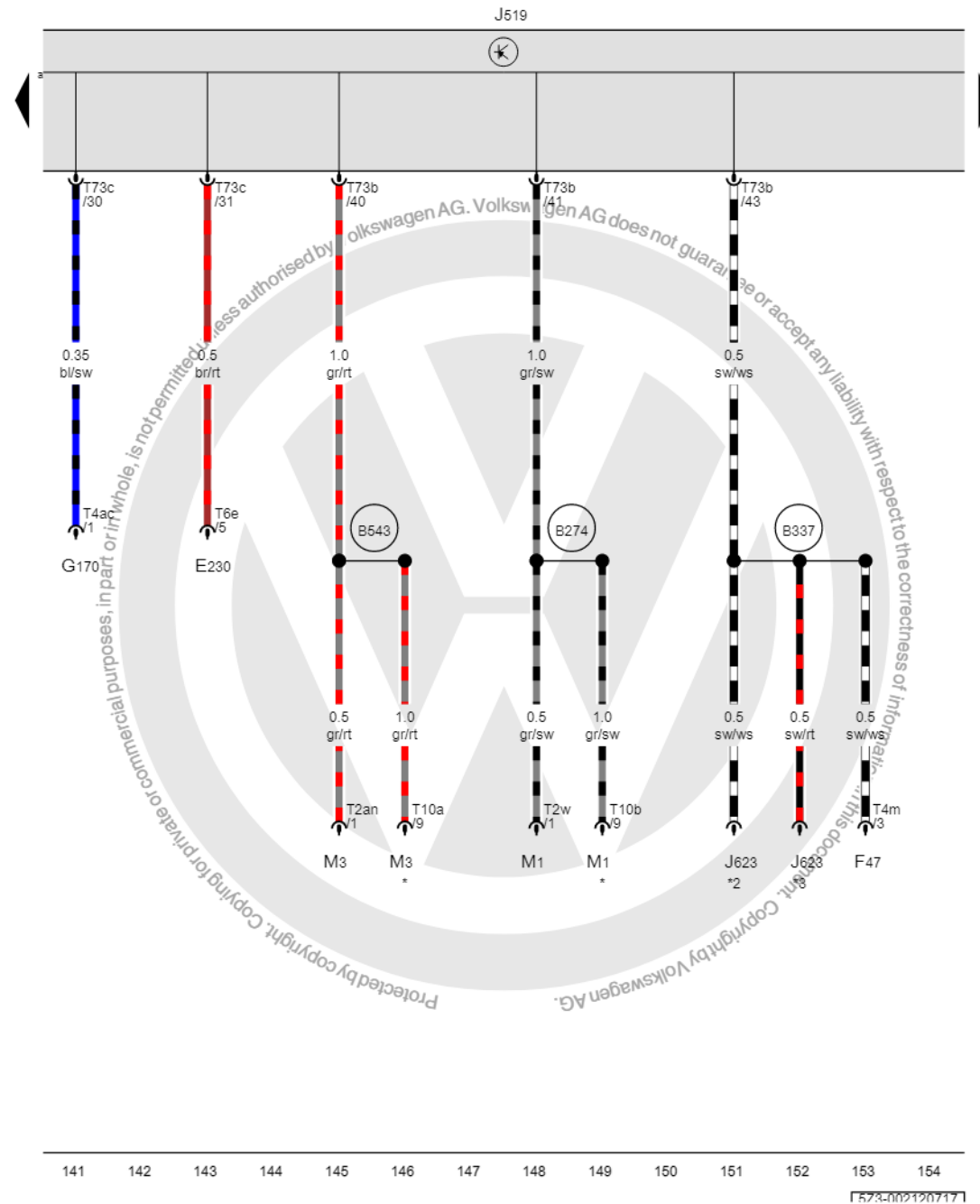


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# Onboard supply control unit

- E1 Light switch
- E22 Intermittent wiper switch
- J519 Onboard supply control unit
- L2 Right headlight twin filament bulb
- M31 Right headlight dipped beam bulb
- R Radio
- T3h 3-pin connector
- T10a 10-pin connector
- T10k 10-pin connector
- T17a 17-pin connector
- T18a 18-pin connector
- T41a 41-pin connector
- T73c 73-pin connector
- \* For models with no Coming Home function
- \*2 For models with dual headlights
- \*3 For models with Coming Home function



### Onboard supply control unit

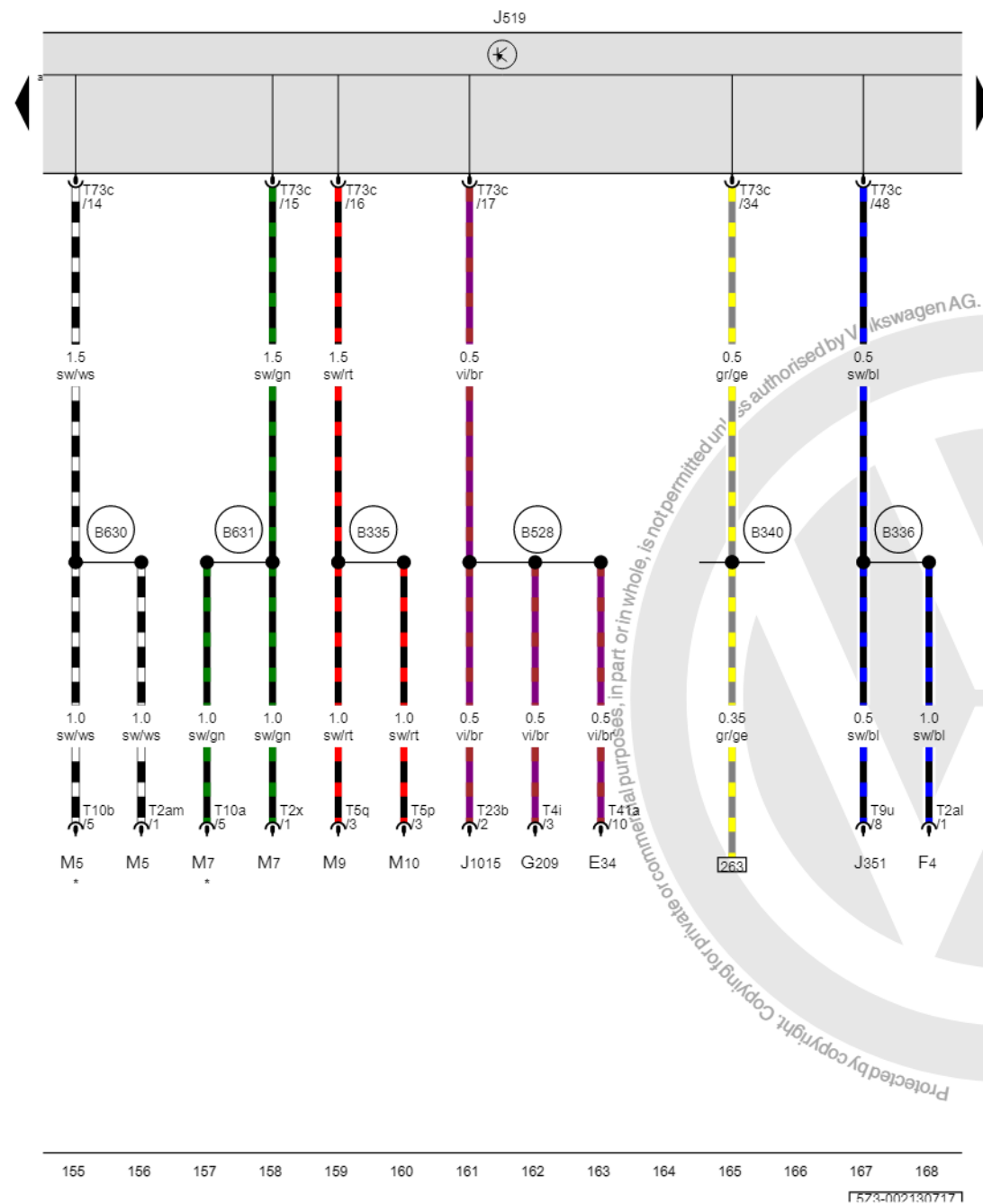
- E230 Heated rear window button
- F47 Brake pedal switch
- G170 Left ultrasonic sensor for anti-theft alarm system
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- M1 Left side light bulb
- M3 Right side light bulb
- T2an 2-pin connector
- T2w 2-pin connector
- T4ac 4-pin connector
- T4m 4-pin connector
- T6e 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

- B274 Positive connection (58L), in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B543 Positive connection (58R), in main wiring harness

- \* For models with dual headlights
- \*2 For models with 1.6l engine
- \*3 For models with 1.0l Total Flex engine

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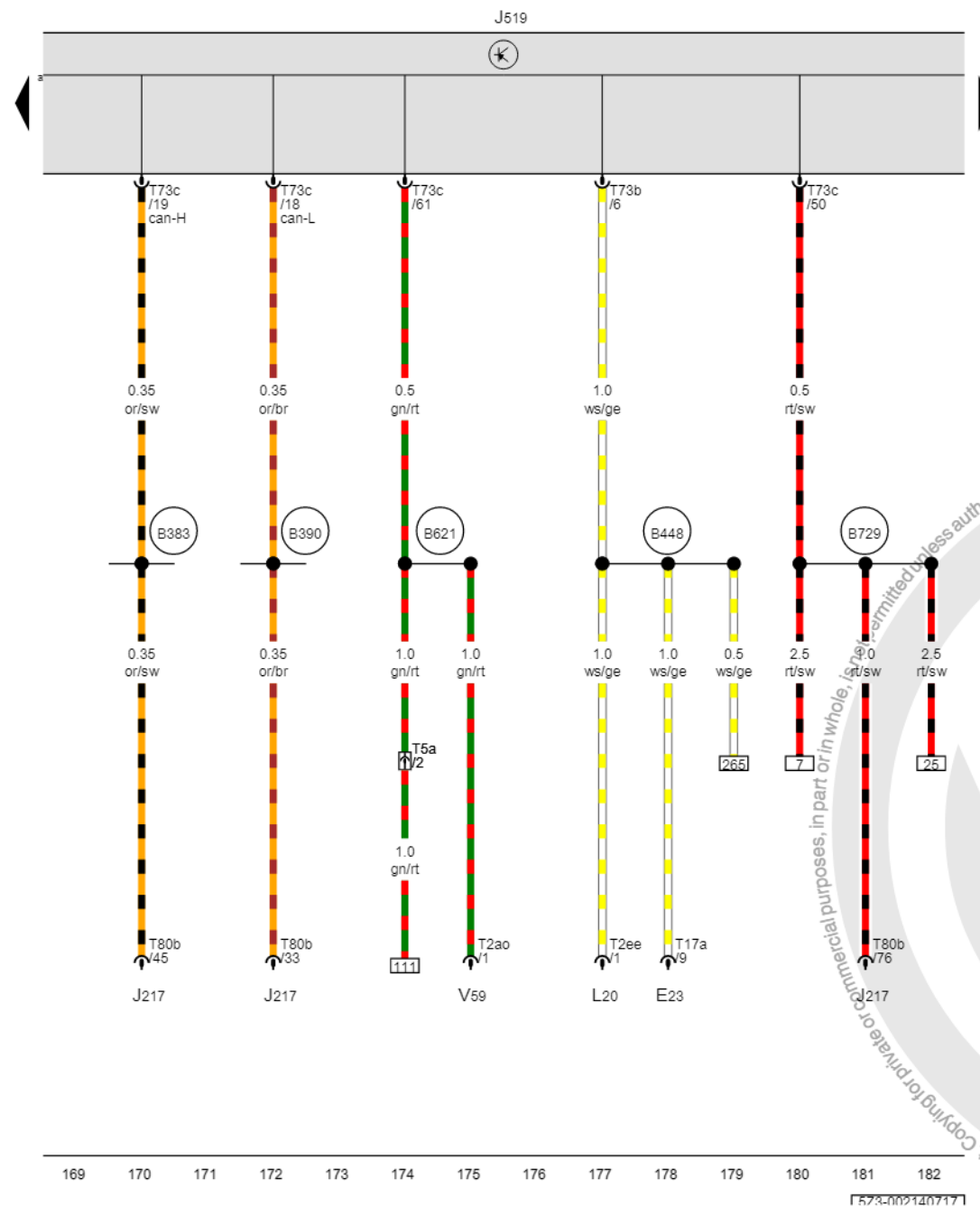




# Onboard supply control unit

- E34 Rear wiper switch
- F4 Reversing light switch
- G209 Anti-theft alarm ultrasonic sensor
- J351 Folding exterior mirror control unit
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- T2al 2-pin connector
- T2am 2-pin connector
- T2x 2-pin connector
- T4i 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T9u 9-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T23b 23-pin connector
- T41a 41-pin connector
- T73c 73-pin connector

- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- \* For models with dual headlights

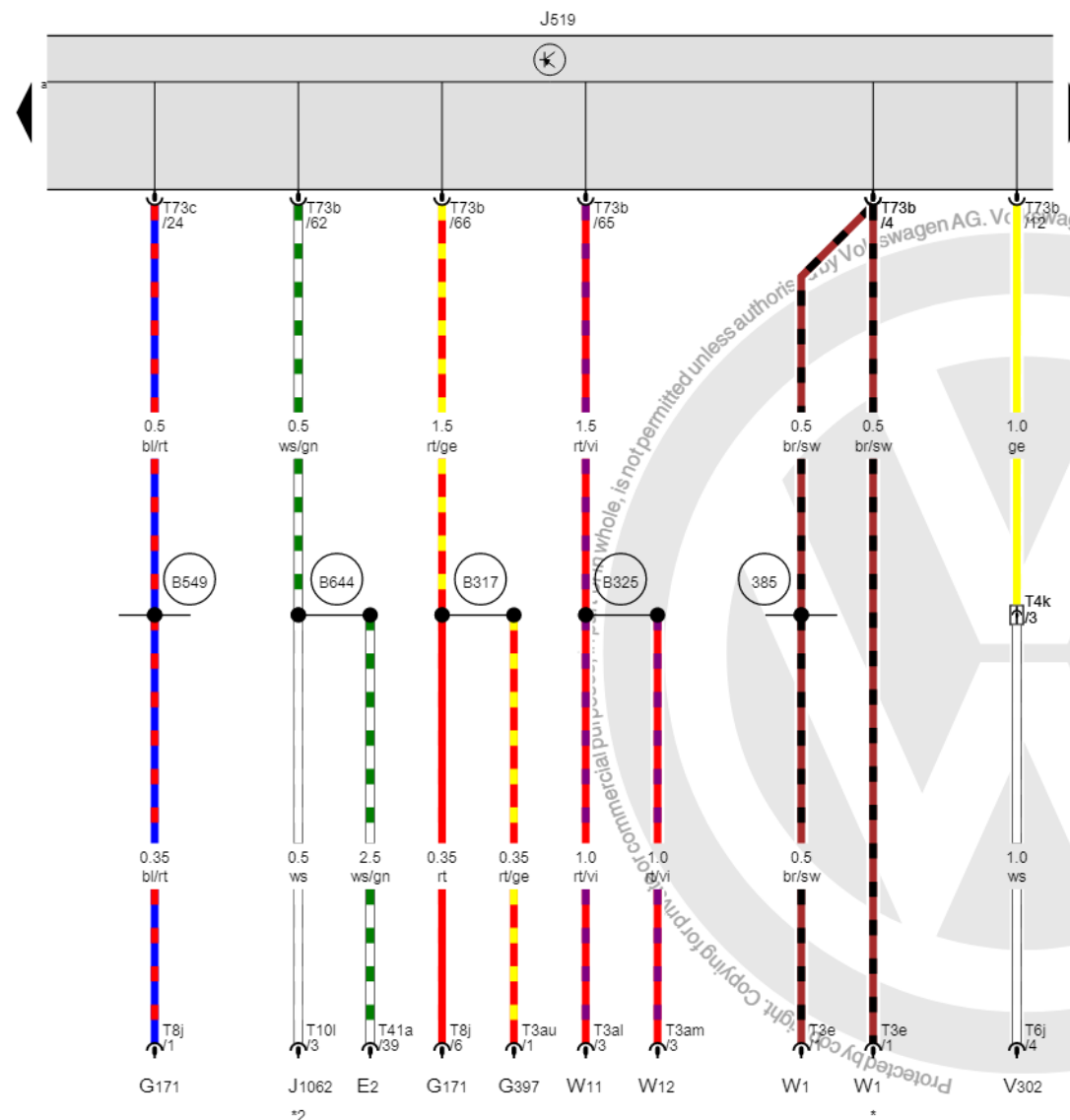


# Onboard supply control unit

- E23 Front and rear fog light switch
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- L20 Rear fog light bulb
- T2ao 2-pin connector
- T2ee 2-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T17a 17-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector
- V59 Windscreen and rear window washer pump
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B448 Connection (rear fog light), in main wiring harness
- B621 Connection 1 (53c), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

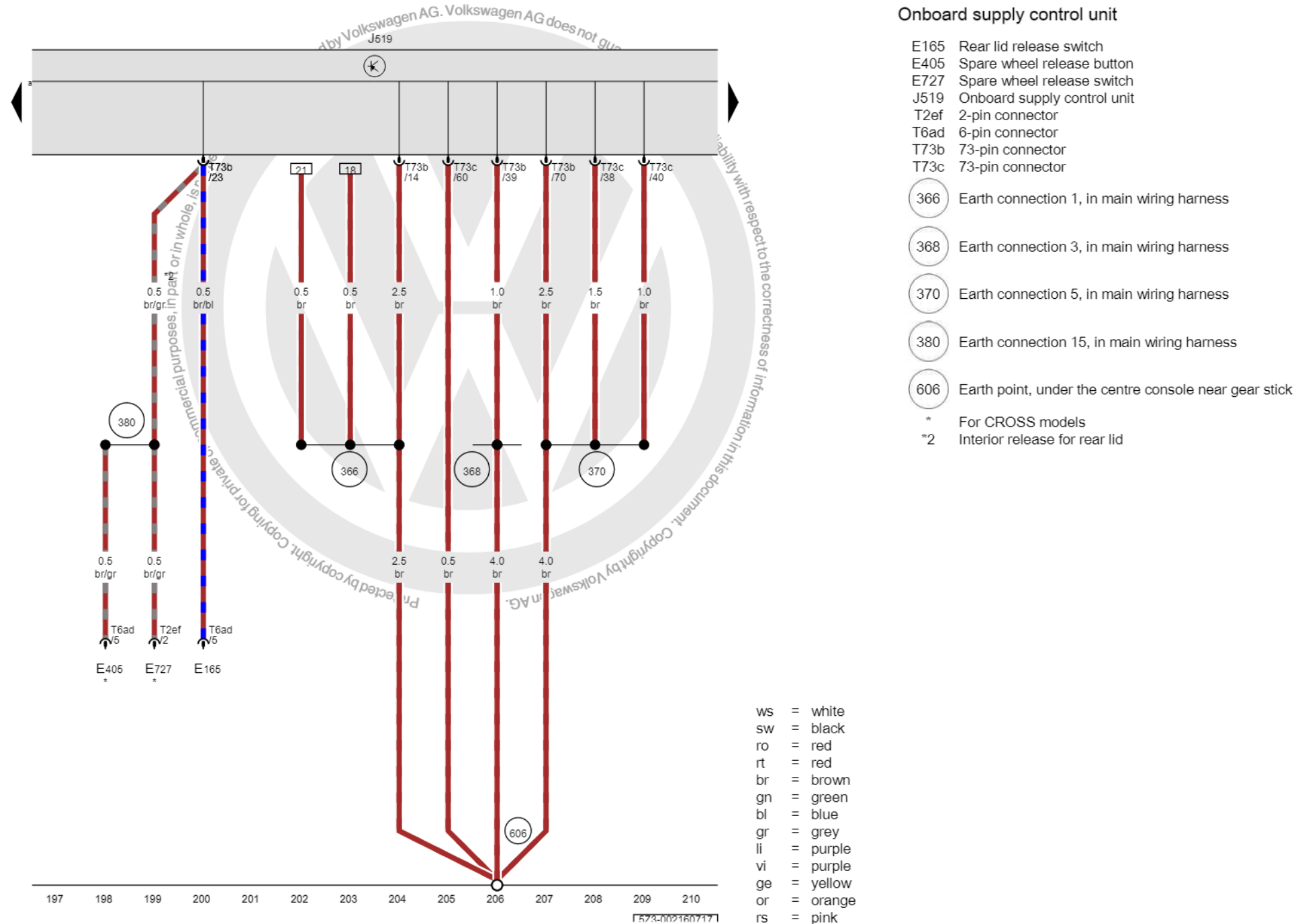
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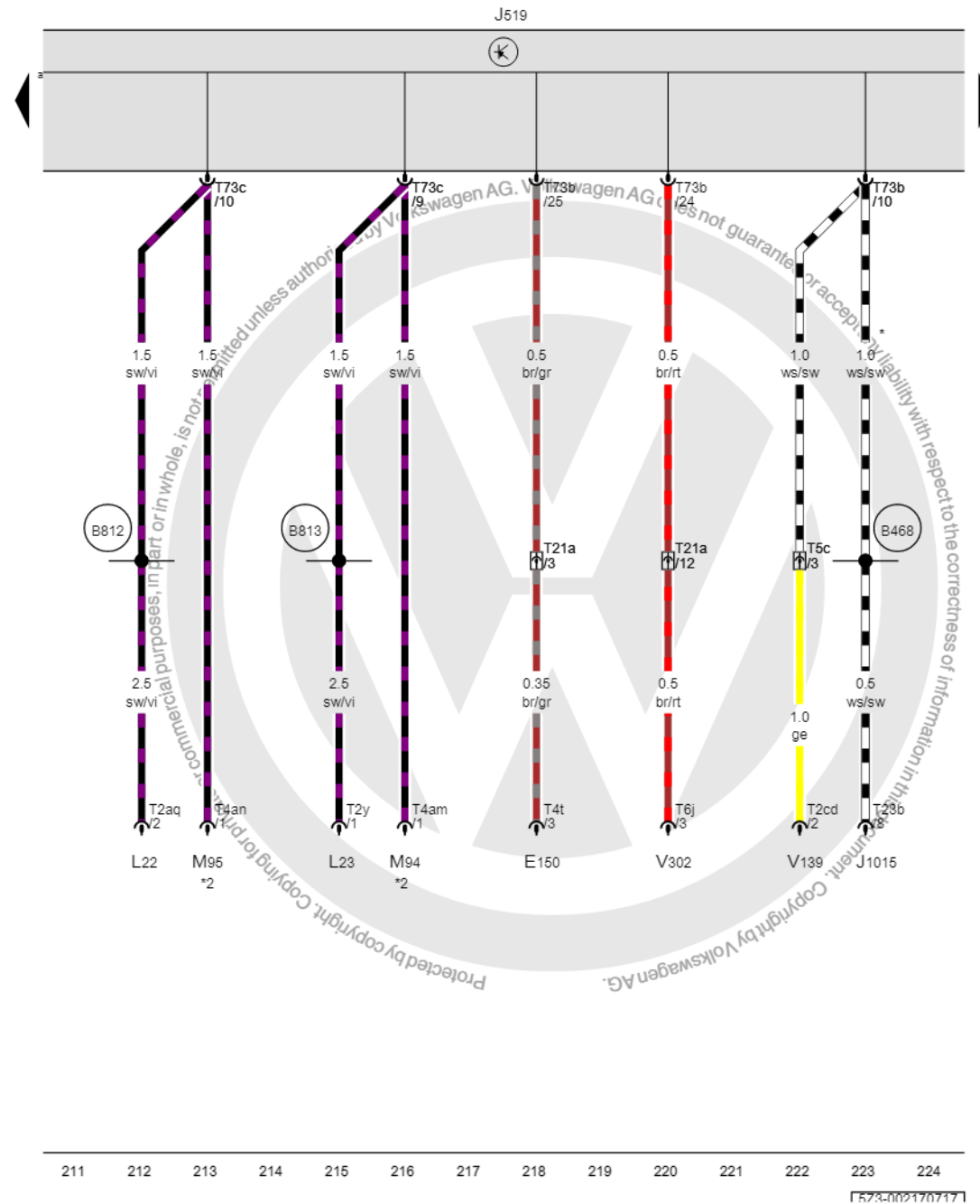
Onboard supply control unit



- E2 Turn signal switch
- G171 Right ultrasonic sensor for anti-theft alarm system
- G397 Rain and light sensor
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T3al 3-pin connector
- T3am 3-pin connector
- T3au 3-pin connector
- T3e 3-pin connector
- T4k 4-pin connector, in front left door
- T6j 6-pin connector
- T8j 8-pin connector
- T10l 10-pin connector
- T41a 41-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- V302 Driver door power latching motor
- W1 Front interior light
- W11 Rear left reading light
- W12 Rear right reading light
- 385 Earth connection 20, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B325 Positive connection 11 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- B644 Connection 3 (56a), in main wiring harness
- \* For models with no rear reading lights
- \*2 For CROSS models

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or = orange  
rs = pink

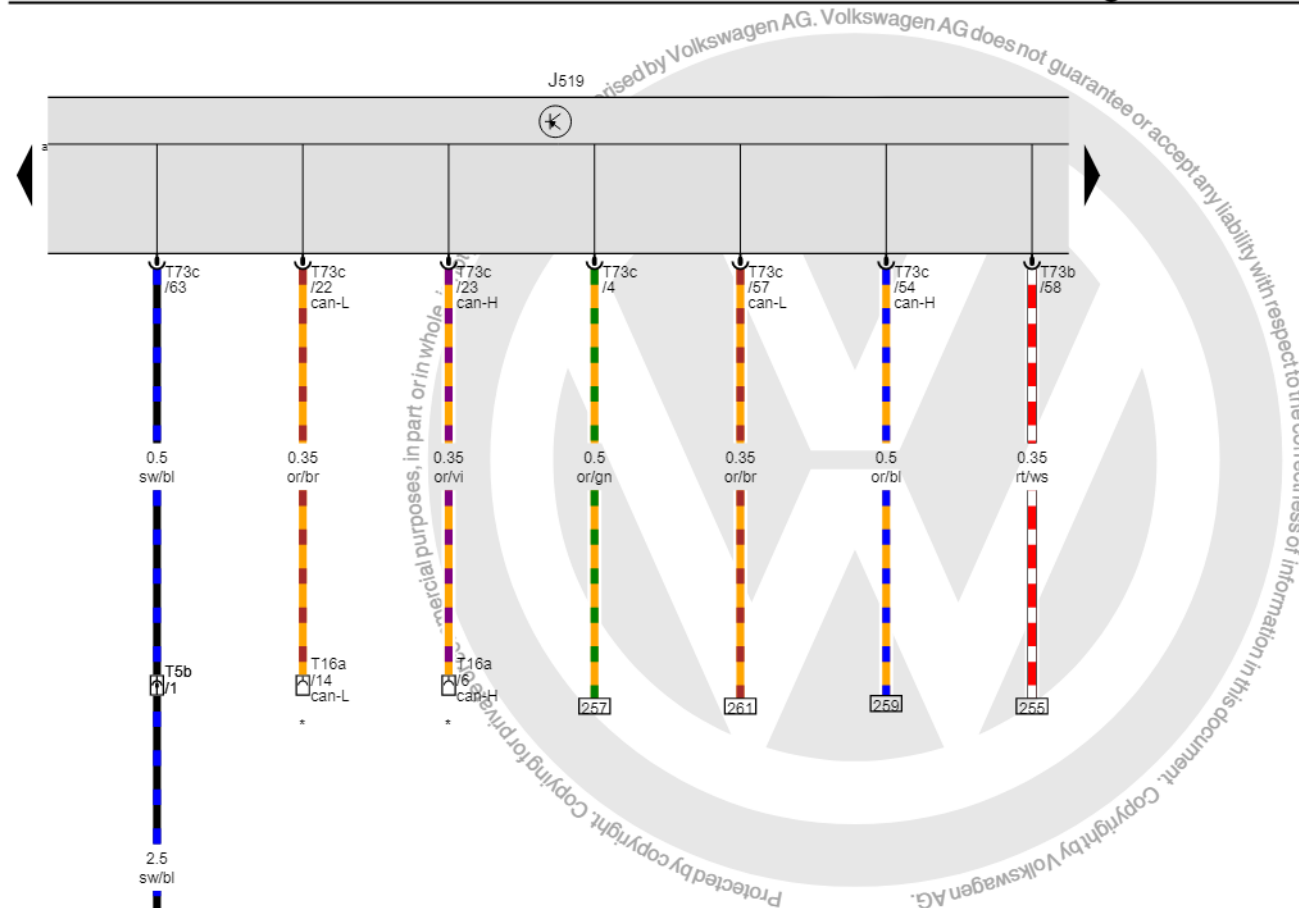




# Onboard supply control unit

- E150 Driver side interior locking switch
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2cd 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector
- T4t 4-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T6j 6-pin connector
- T21a 21-pin connector, in front left door
- T23b 23-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- V139 Rear lid release motor
- V302 Driver door power latching motor
- B468 Connection 4, in main wiring harness
- B812 Connection 2 (fog light), in main wiring harness
- B813 Connection 3 (fog light), in main wiring harness
- \* Interior release for rear lid
- \*2 For CROSS models

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



### Onboard supply control unit

- J519 Onboard supply control unit
- T1k 1-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T16a 16-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window
- \* Diagnostic connection

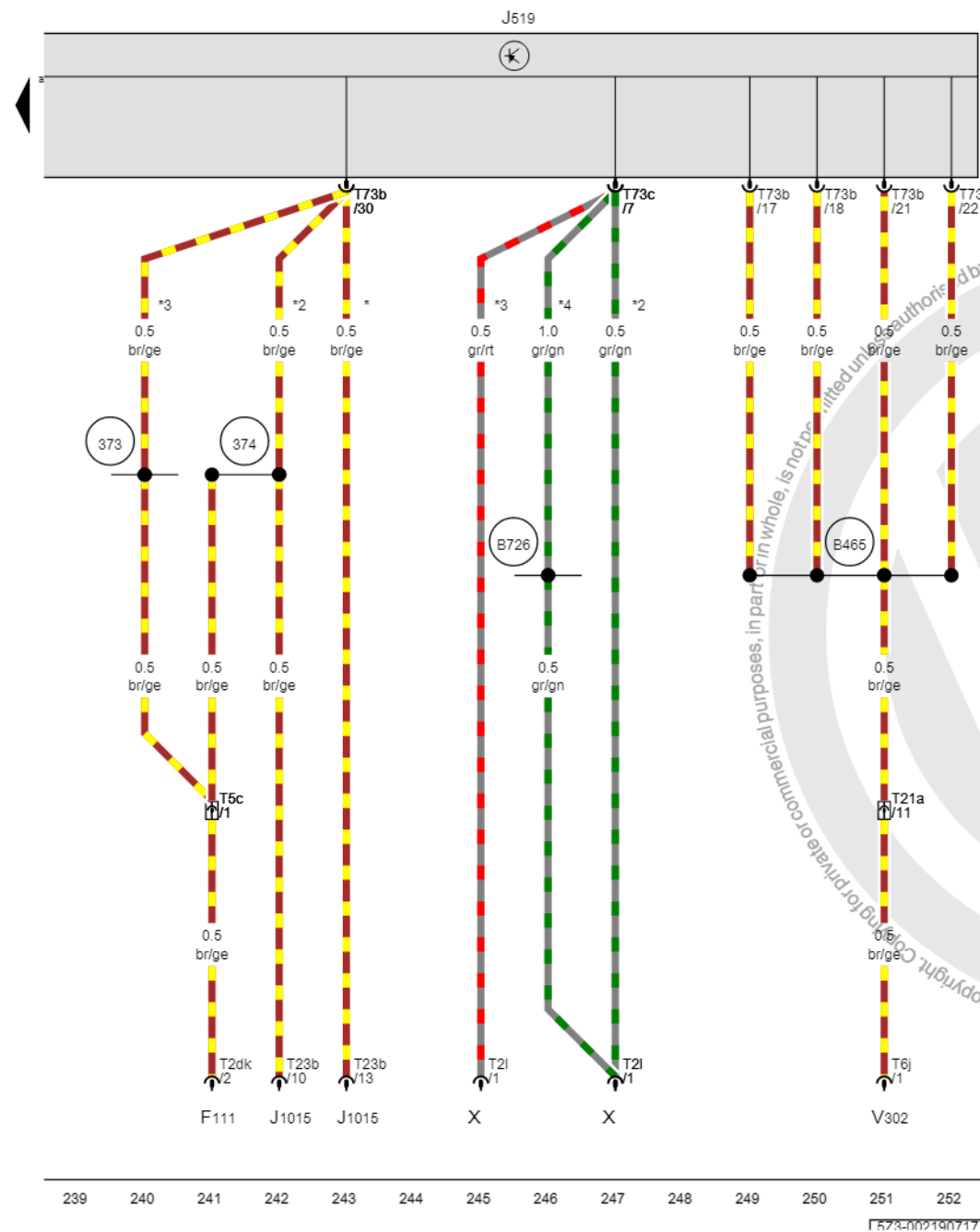
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- sw = black
- ro = red
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- gn = green
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

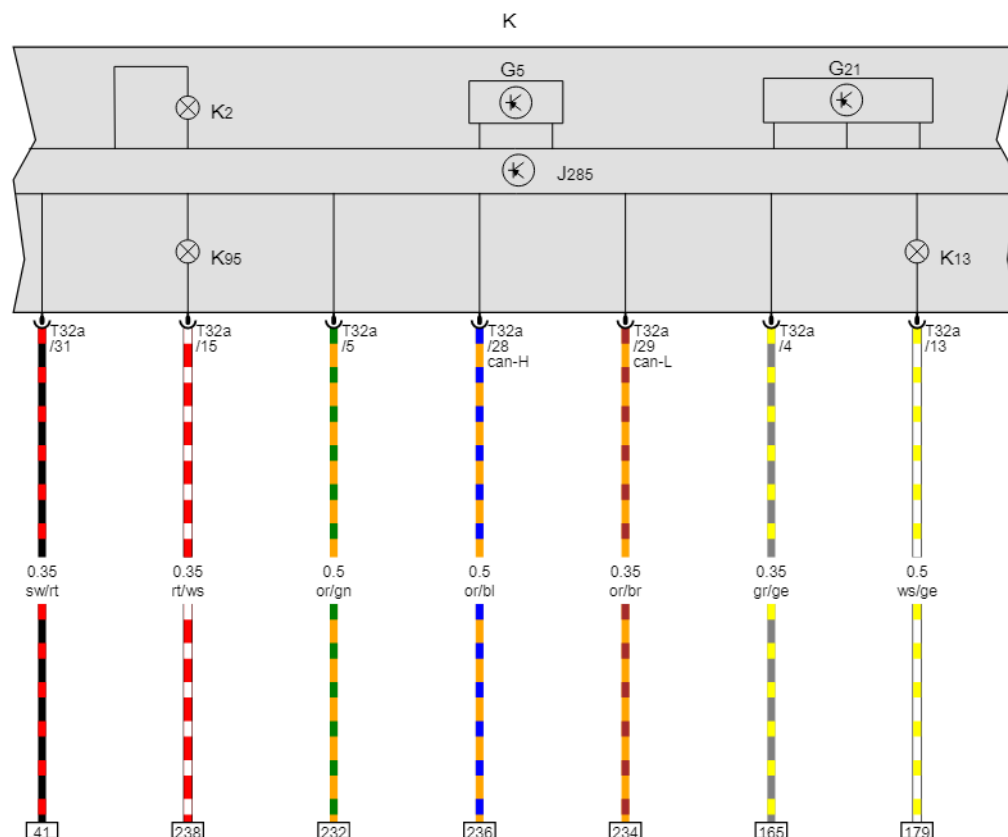
Onboard supply control unit

- F111 Rear lid contact switch
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- T2dk 2-pin connector
- T2l 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T6j 6-pin connector
- T21a 21-pin connector, in front left door
- T23b 23-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- V302 Driver door power latching motor
- X Number plate light

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- B465 Connection 1, in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- \* Interior release for rear lid
- \*2 For models with 4 doors
- \*3 For models with 2 doors
- \*4 For CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Rev. counter, Speedometer, Dash panel insert, Alternator warning lamp, Rear fog light warning lamp, Alarm system warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- K95 Alarm system warning lamp
- T32a 32-pin connector



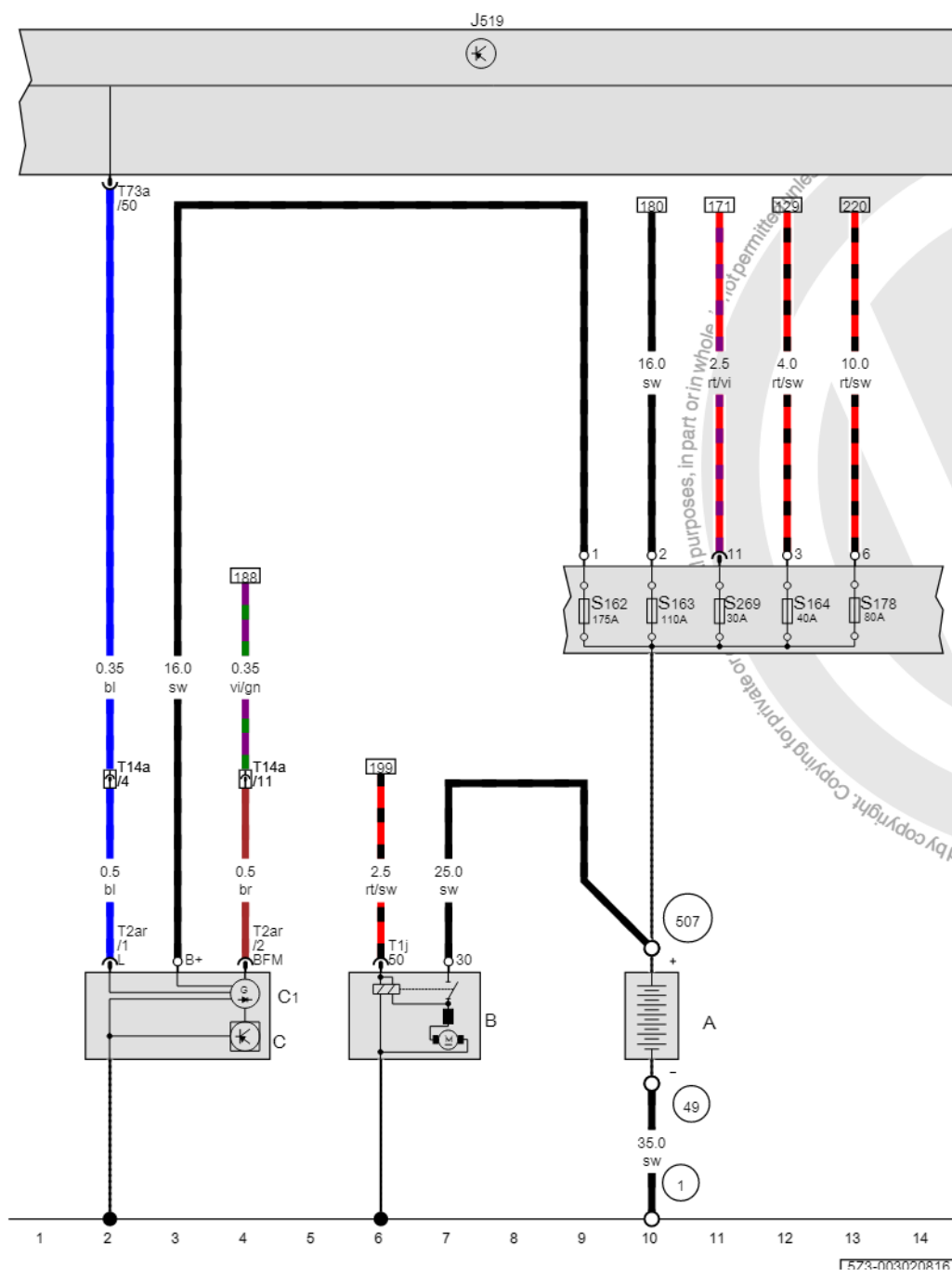
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- rt = red
- br = brown
- gn = green
- bl = blue
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



1.0l engine , CSEA

From April 2013



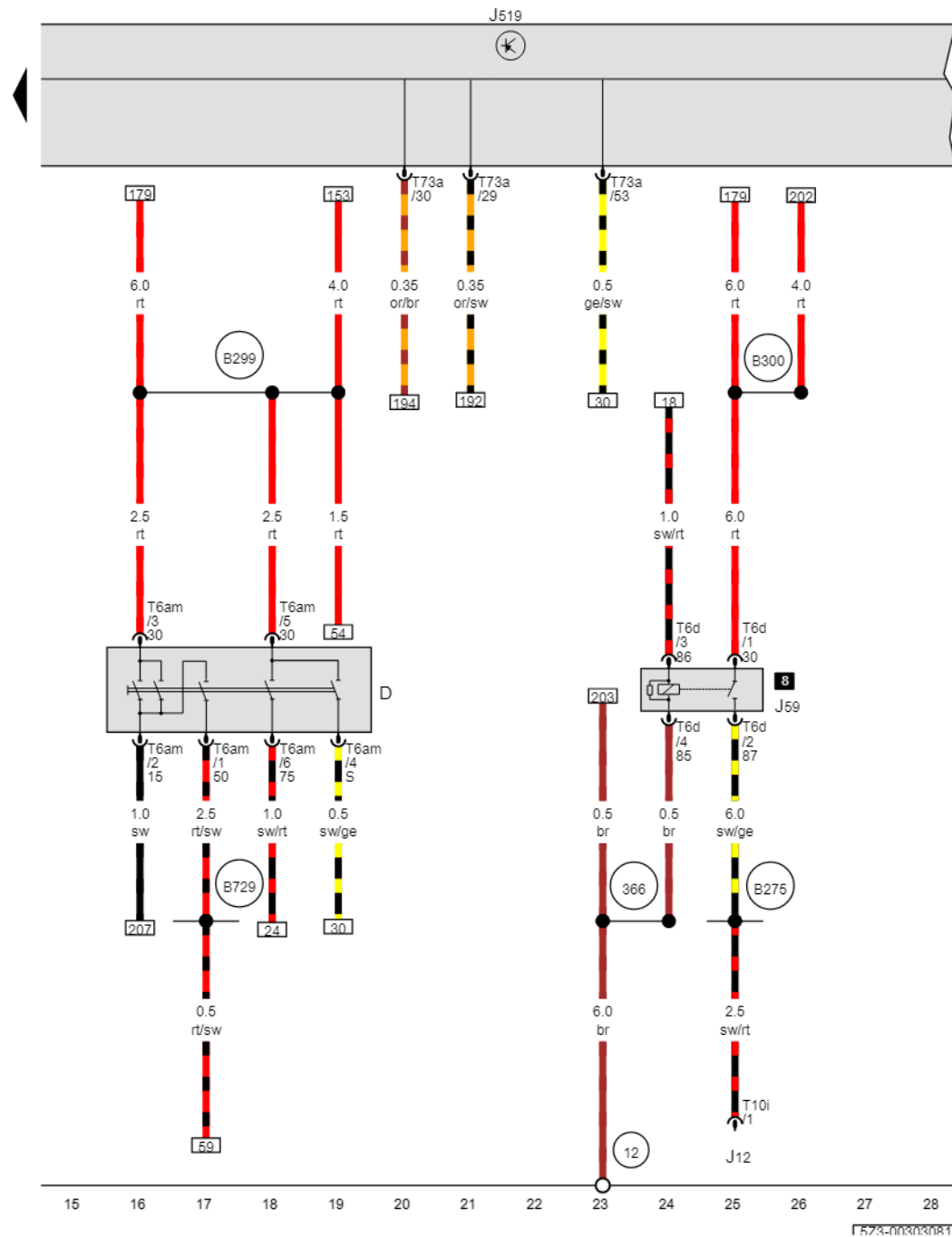


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S178 Fuse 6 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

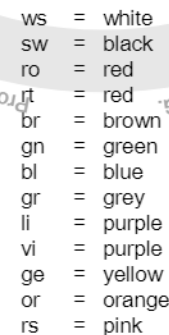
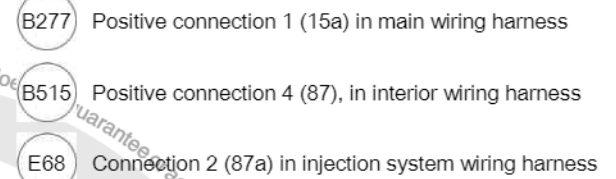


Ignition/starter switch, X-contact relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T10i 10-pin connector
- T73a 73-pin connector

- 12 Earth point, on left in engine compartment
- 366 Earth connection 1, in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

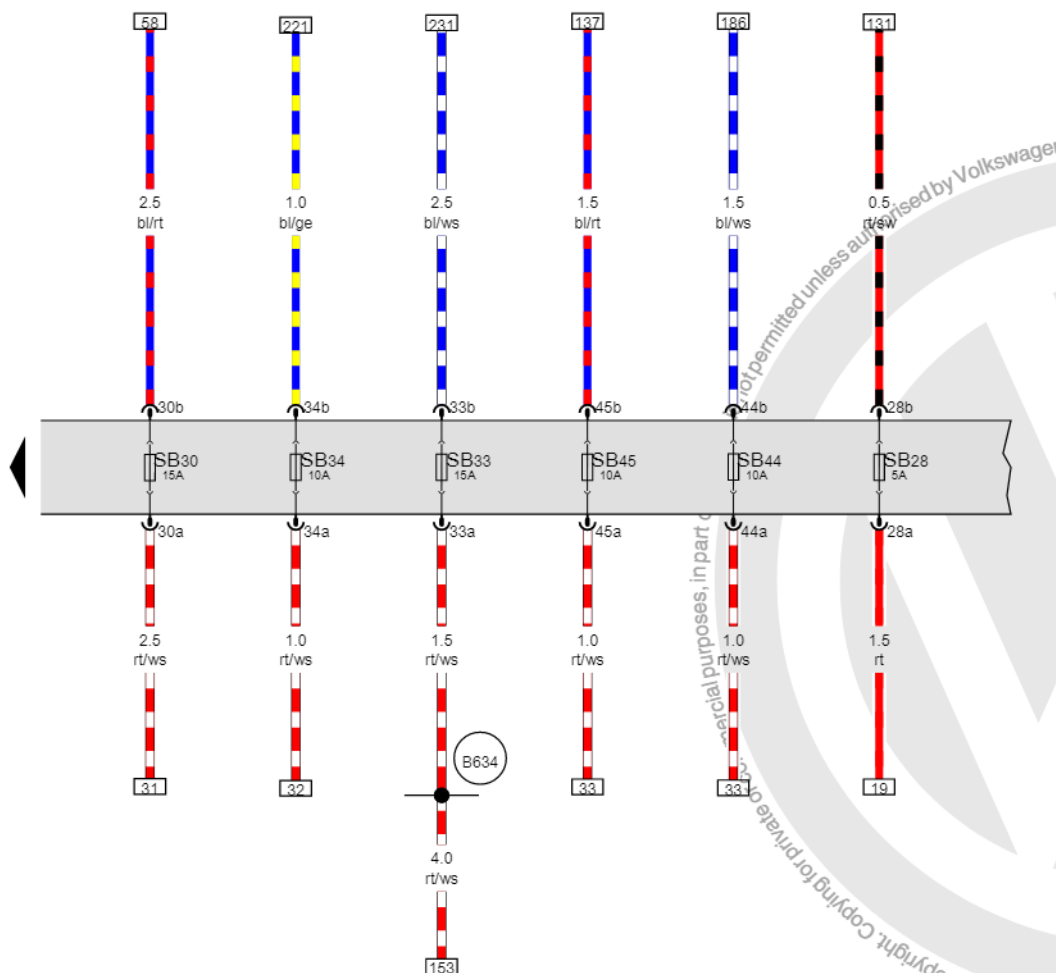
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- rt = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB28 Fuse 28 on fuse holder B  
SB30 Fuse 30 on fuse holder B  
SB33 Fuse 33 on fuse holder B  
SB34 Fuse 34 on fuse holder B  
SB44 Fuse 44 on fuse holder B  
SB45 Fuse 45 on fuse holder B

B634 Positive connection 2 (87), in main wiring harness



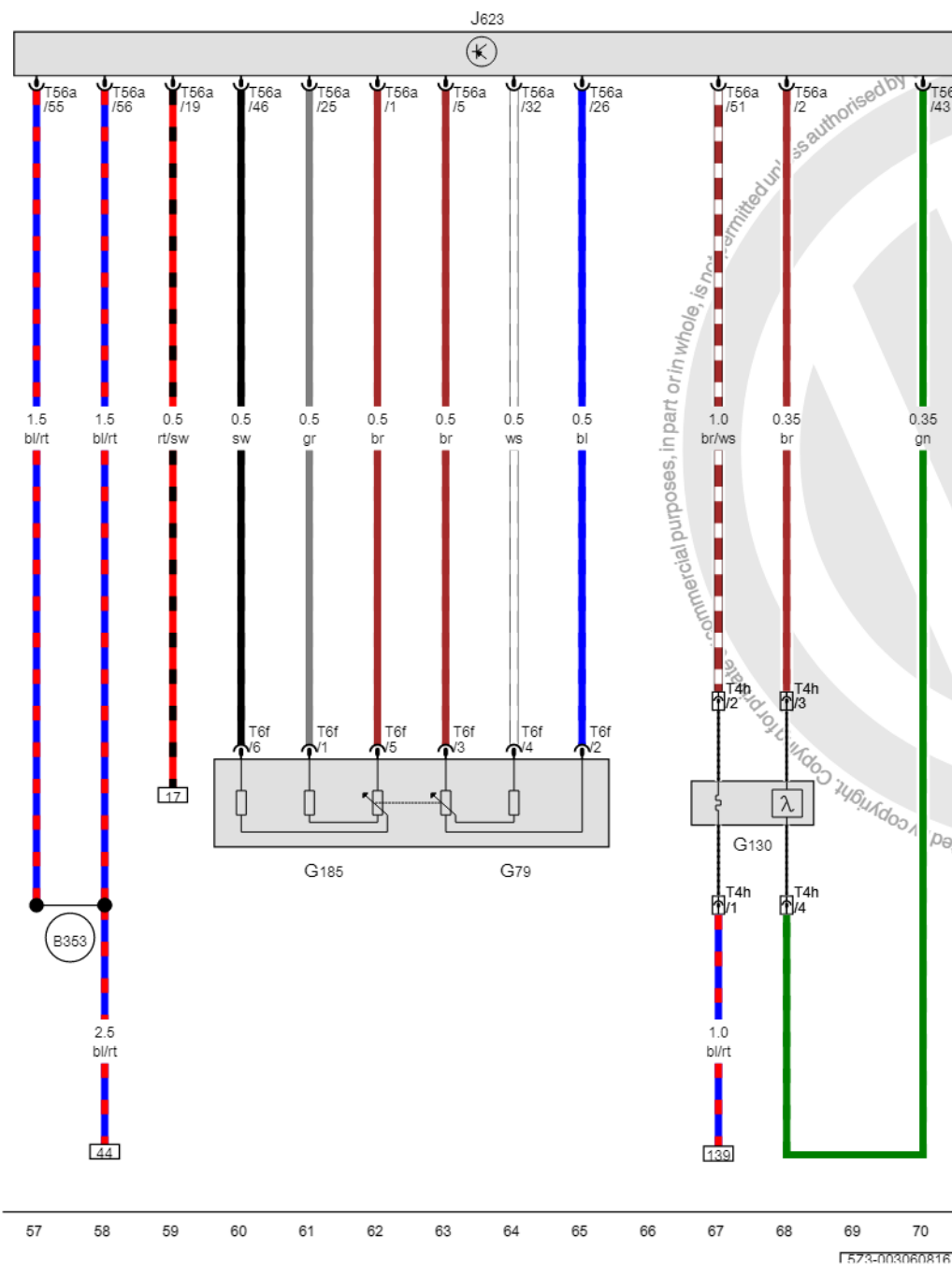
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gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

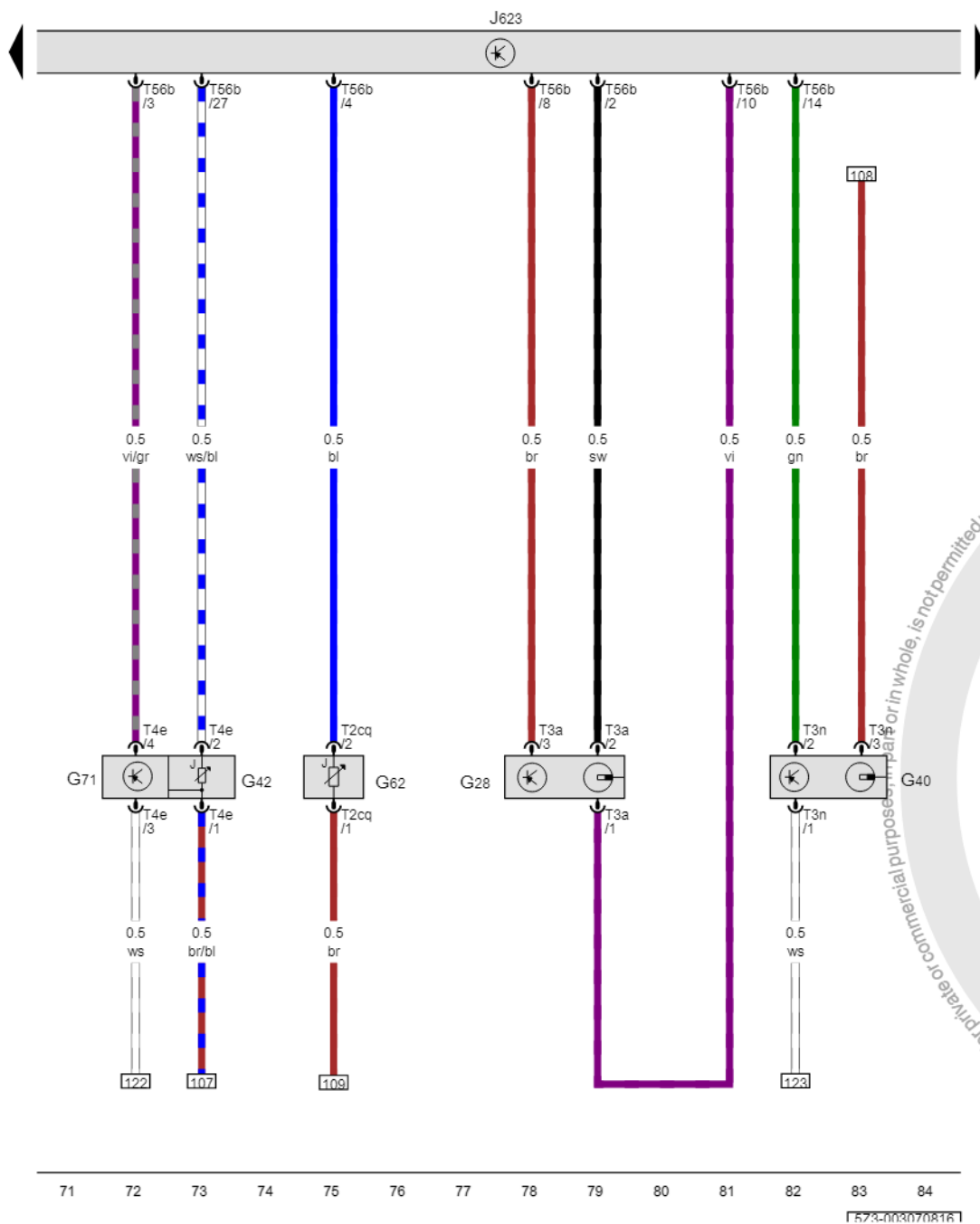
1573-003050816

Accelerator position sender, Lambda probe after catalytic converter, Accelerator position sender 2, Engine control unit

- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4h 4-pin connector
- T6f 6-pin connector
- T56a 56-pin connector
- B353 Positive connection 4 (87a) in main wiring harness

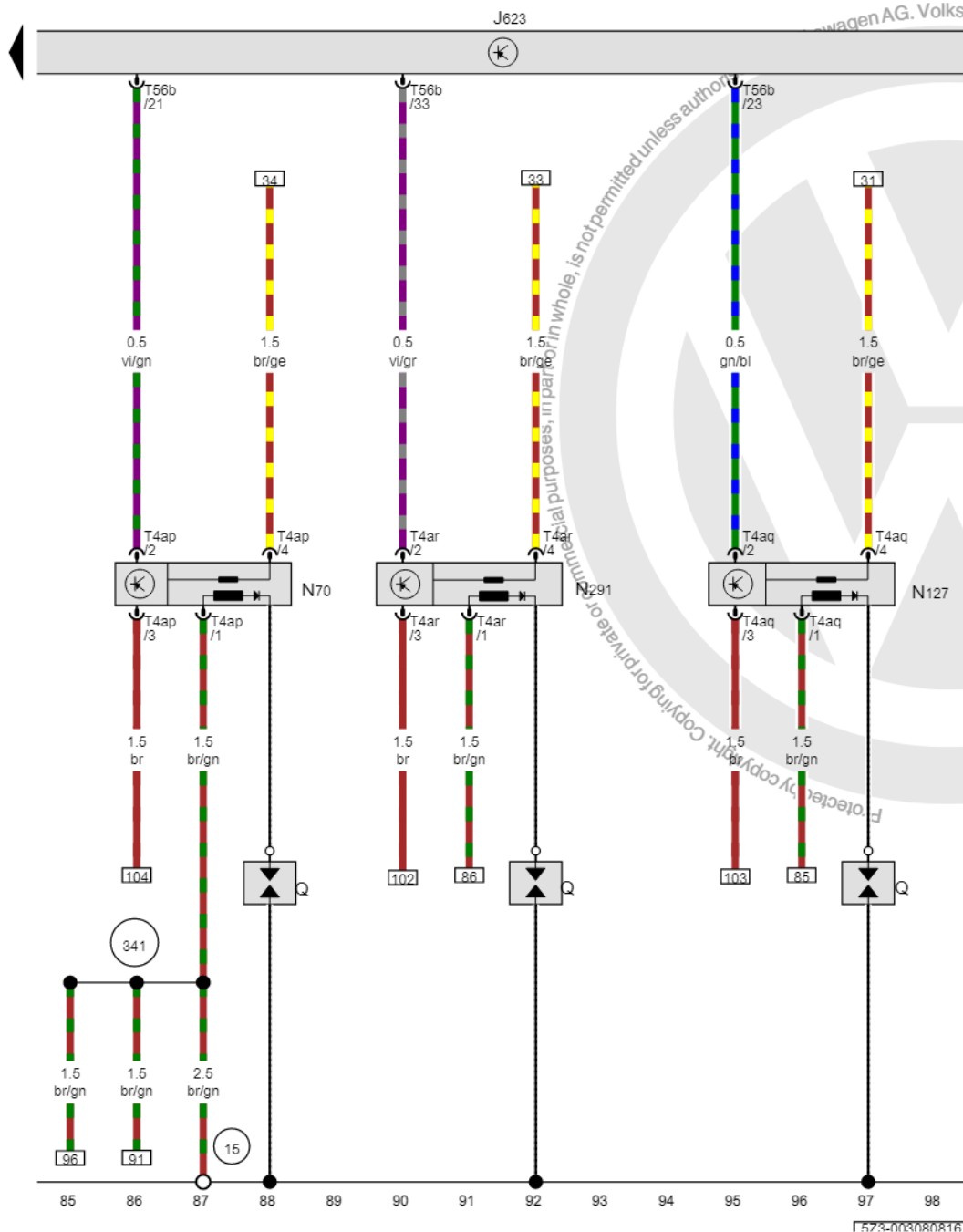


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine speed sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G28 Engine speed sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T3a 3-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector



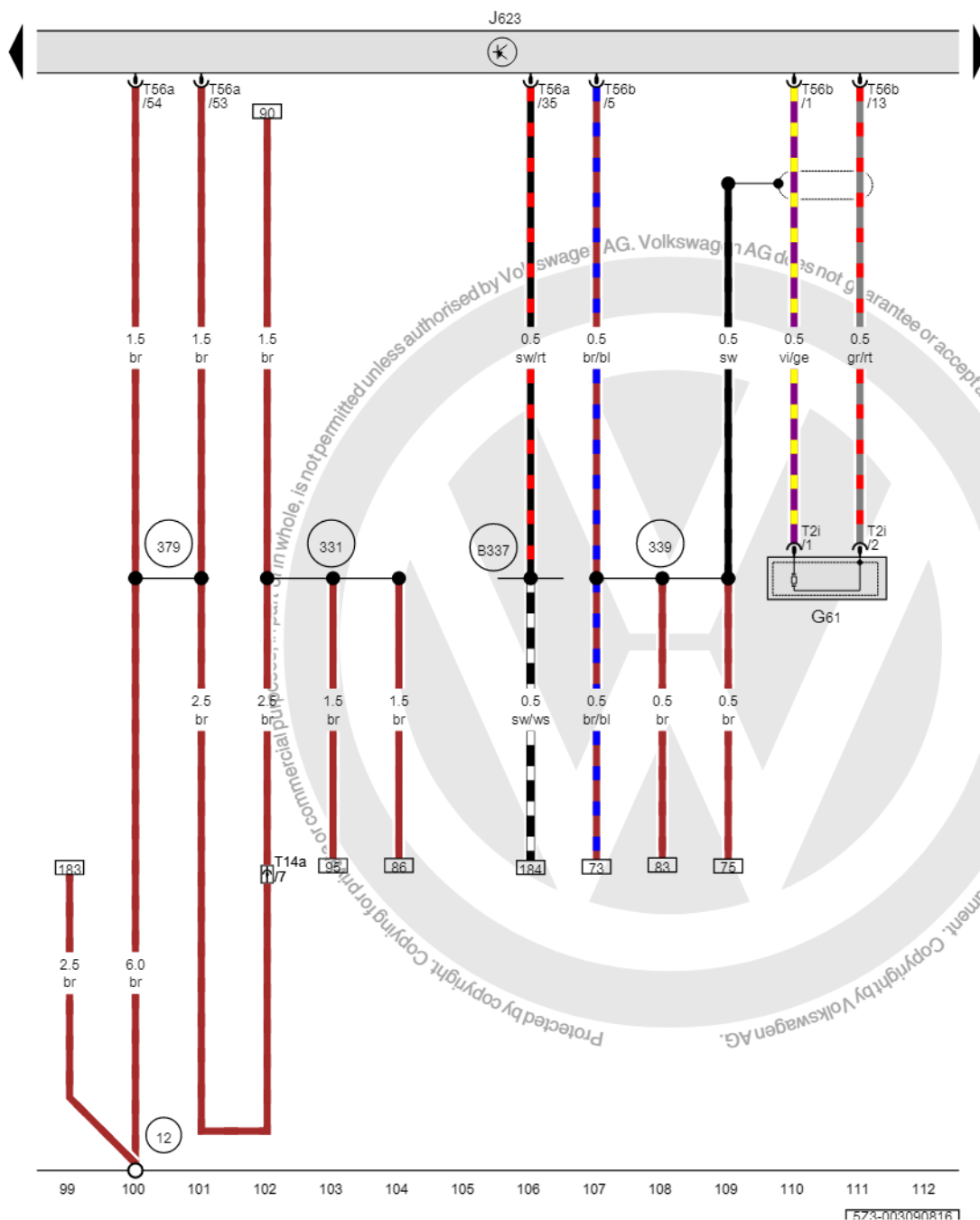
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Spark plugs

J623 Engine control unit  
 N70 Ignition coil 1 with output stage  
 N127 Ignition coil 2 with output stage  
 N291 Ignition coil 3 with output stage  
 Q Spark plugs  
 T4ap 4-pin connector  
 T4aq 4-pin connector  
 T4ar 4-pin connector  
 T56b 56-pin connector

15 Earth point, on cylinder head  
 341 Earth connection 3, in injection system wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

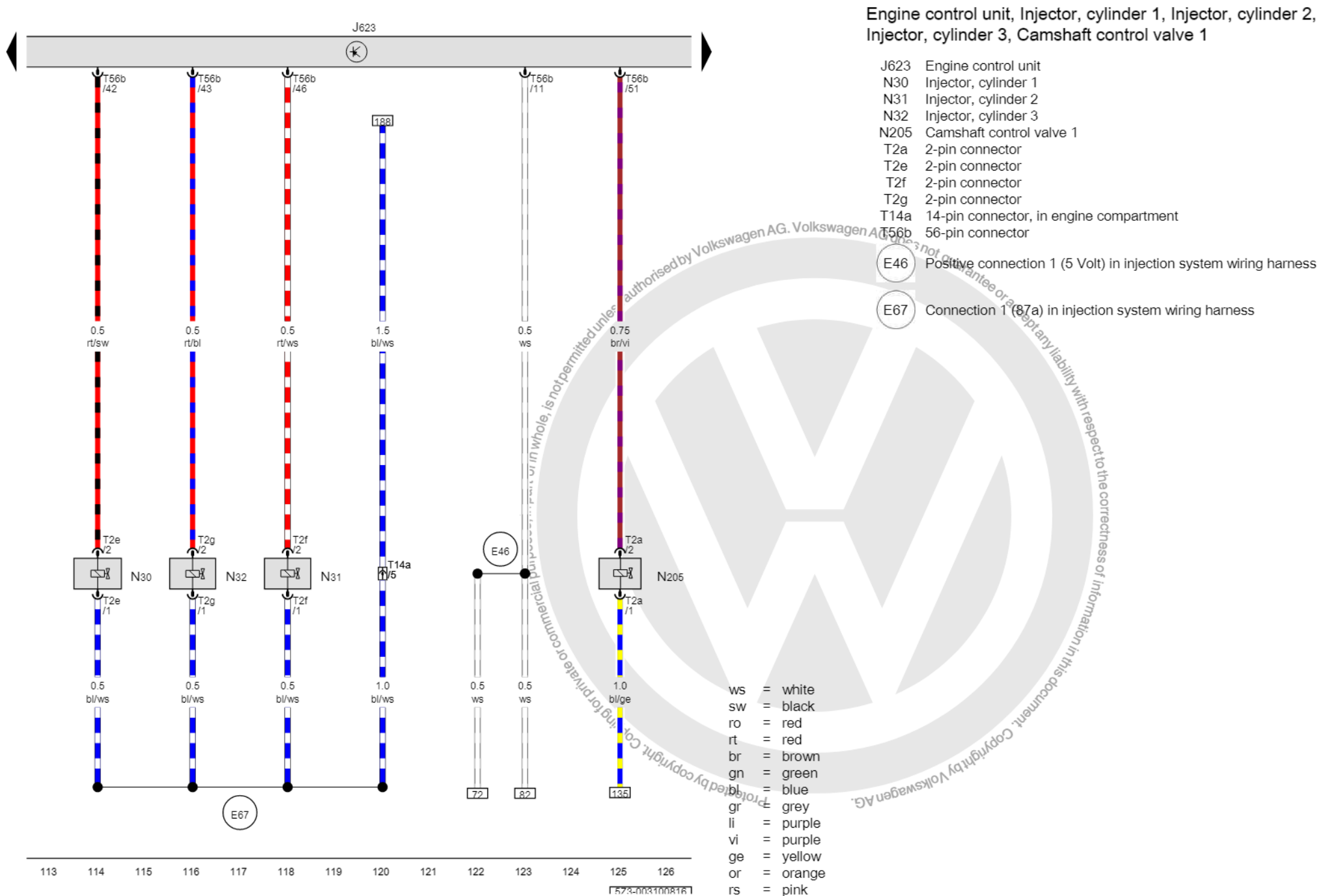


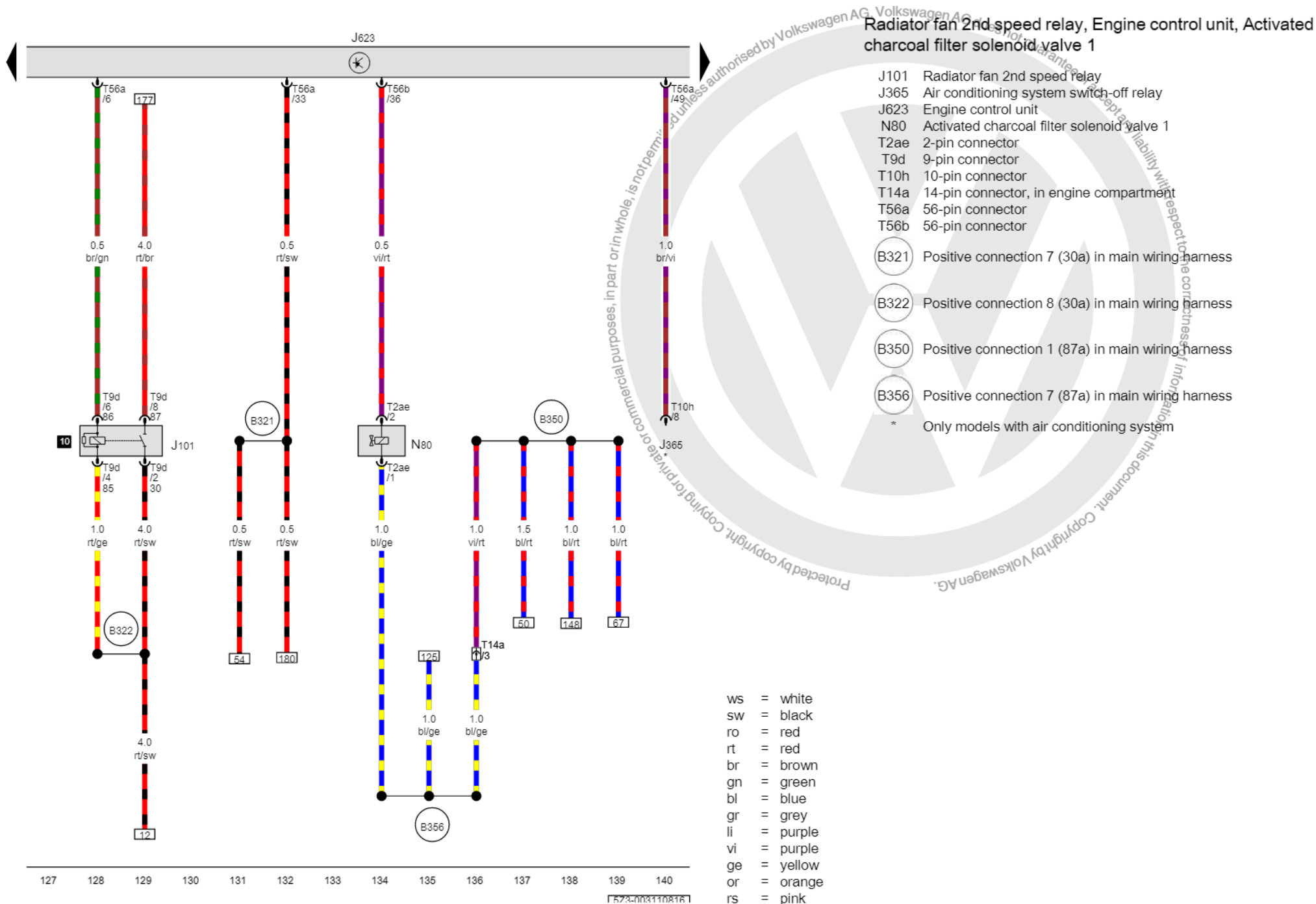


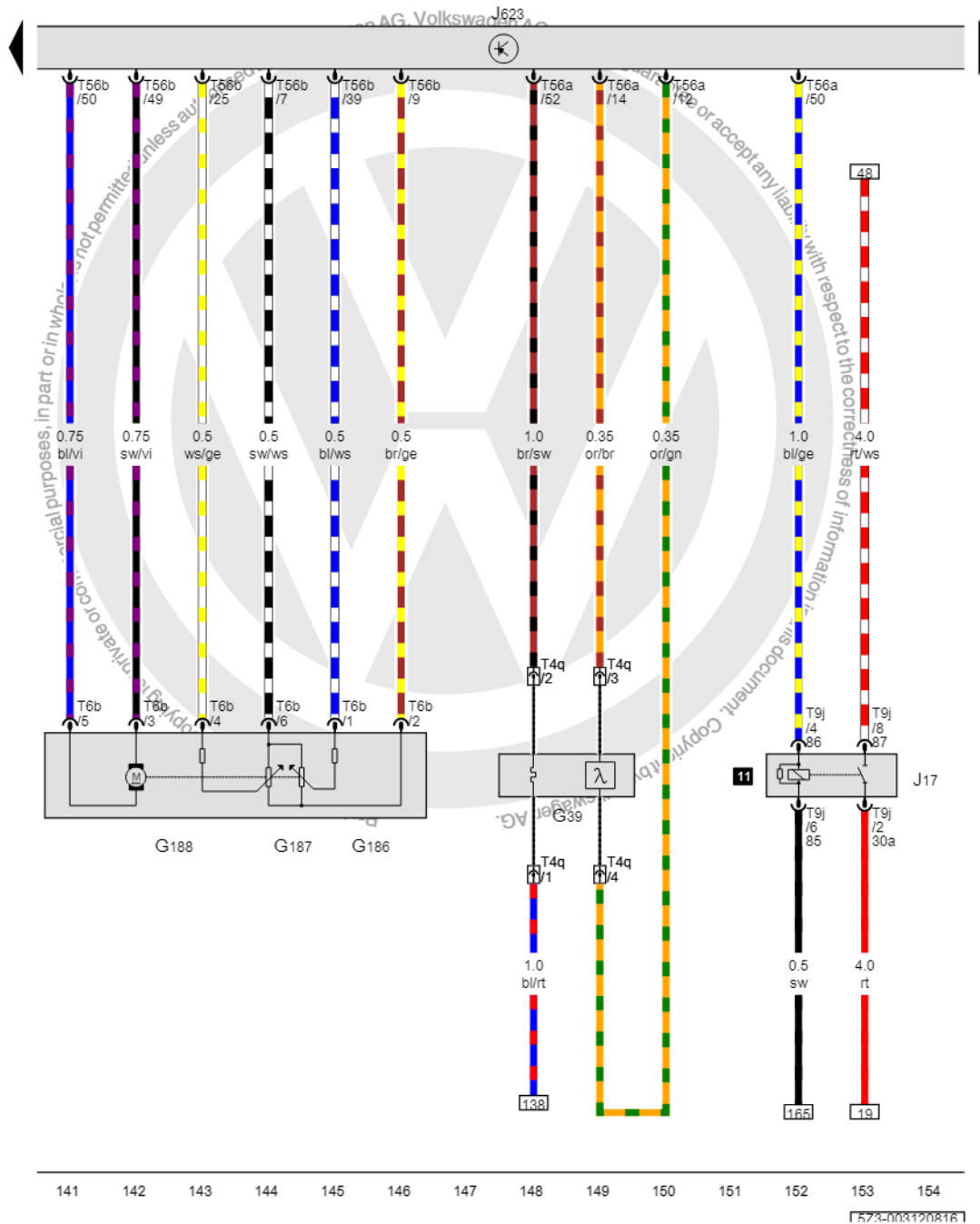
# Knock sensor 1, Engine control unit

- G61 Knock sensor 1
- J623 Engine control unit
- T2i 2-pin connector
- T14a 14-pin connector, in engine compartment
- T56a 56-pin connector
- T56b 56-pin connector
- 12 Earth point, on left in engine compartment
- 331 Earth connection, in injection system wiring harness
- 339 Earth connection (sender earth), in injection system wiring harness
- 379 Earth connection 14, in main wiring harness
- B337 Connection 3 (54), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



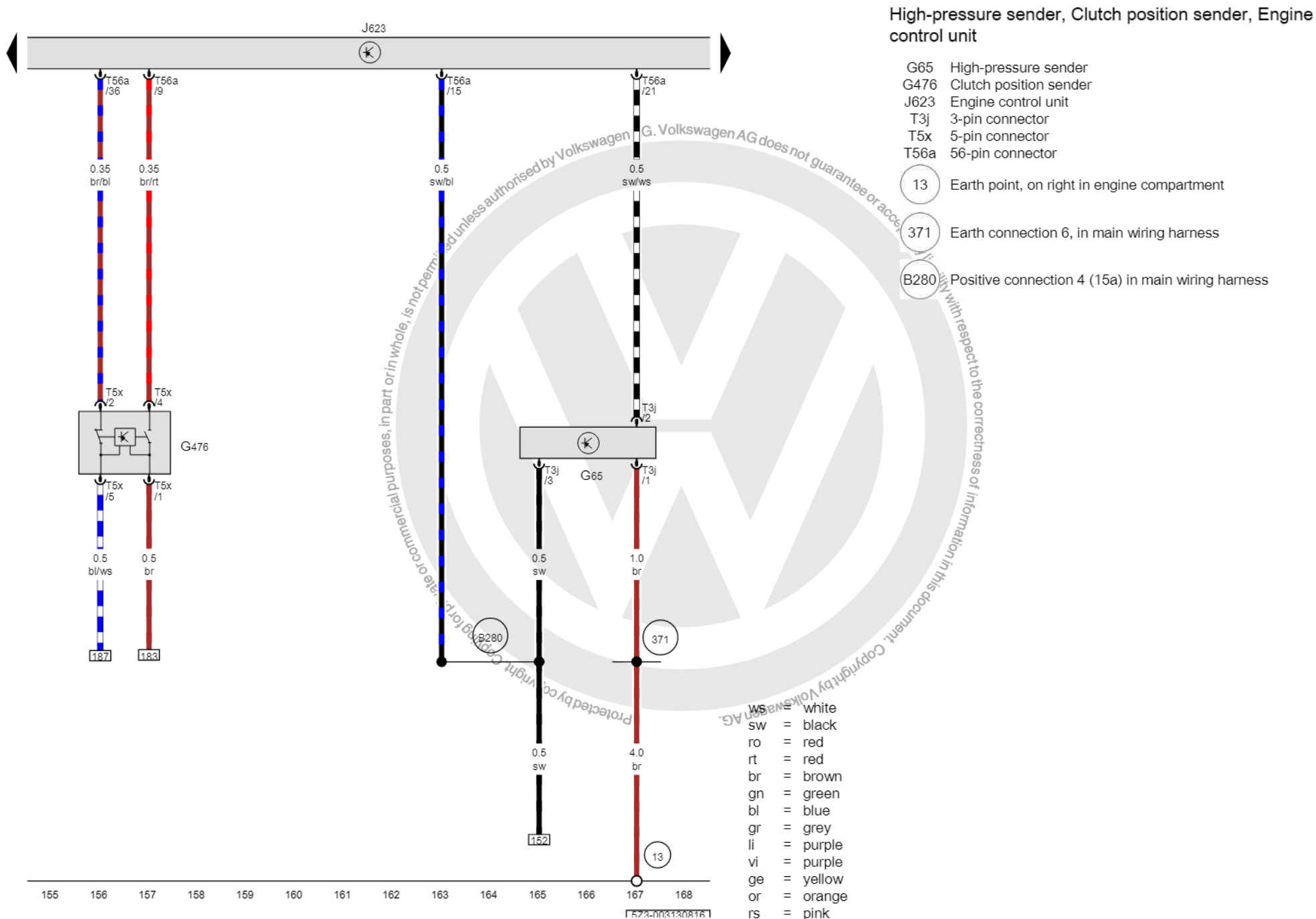


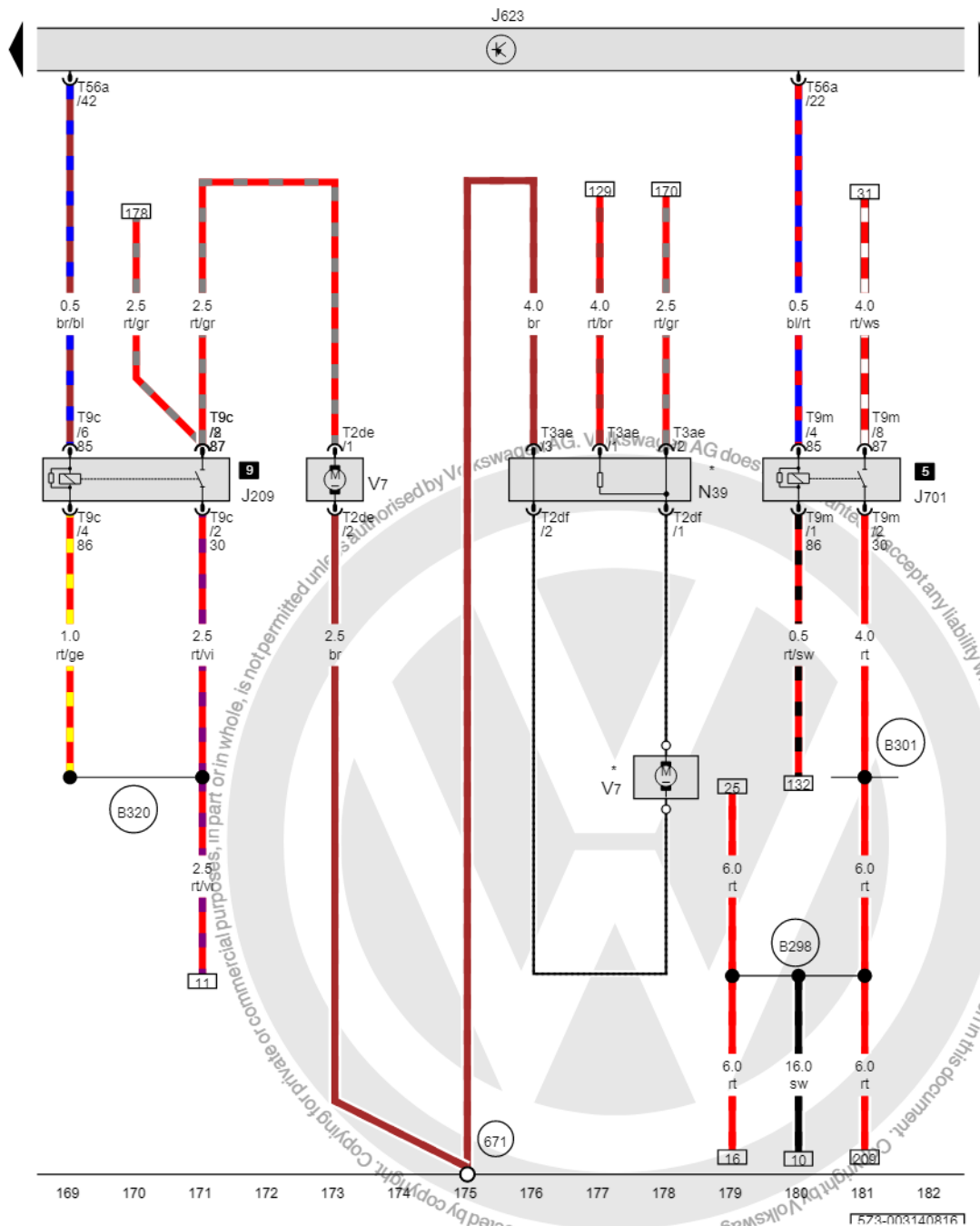


Lambda probe, Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Fuel pump relay, Engine control unit

- G39 Lambda probe
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J17 Fuel pump relay
- J623 Engine control unit
- T4q 4-pin connector
- T6b 6-pin connector
- T9j 9-pin connector
- T56a 56-pin connector
- T56b 56-pin connector

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- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
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- ge = yellow
- or = orange
- rs = pink





Fresh air blower and radiator fan relay, Engine control unit, Voltage supply relay 1, Radiator fan series resistor, Radiator fan

- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- J701 Voltage supply relay 1
- N39 Radiator fan series resistor
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9m 9-pin connector
- T56a 56-pin connector
- V7 Radiator fan

671 Earth point 1, on front of left longitudinal member

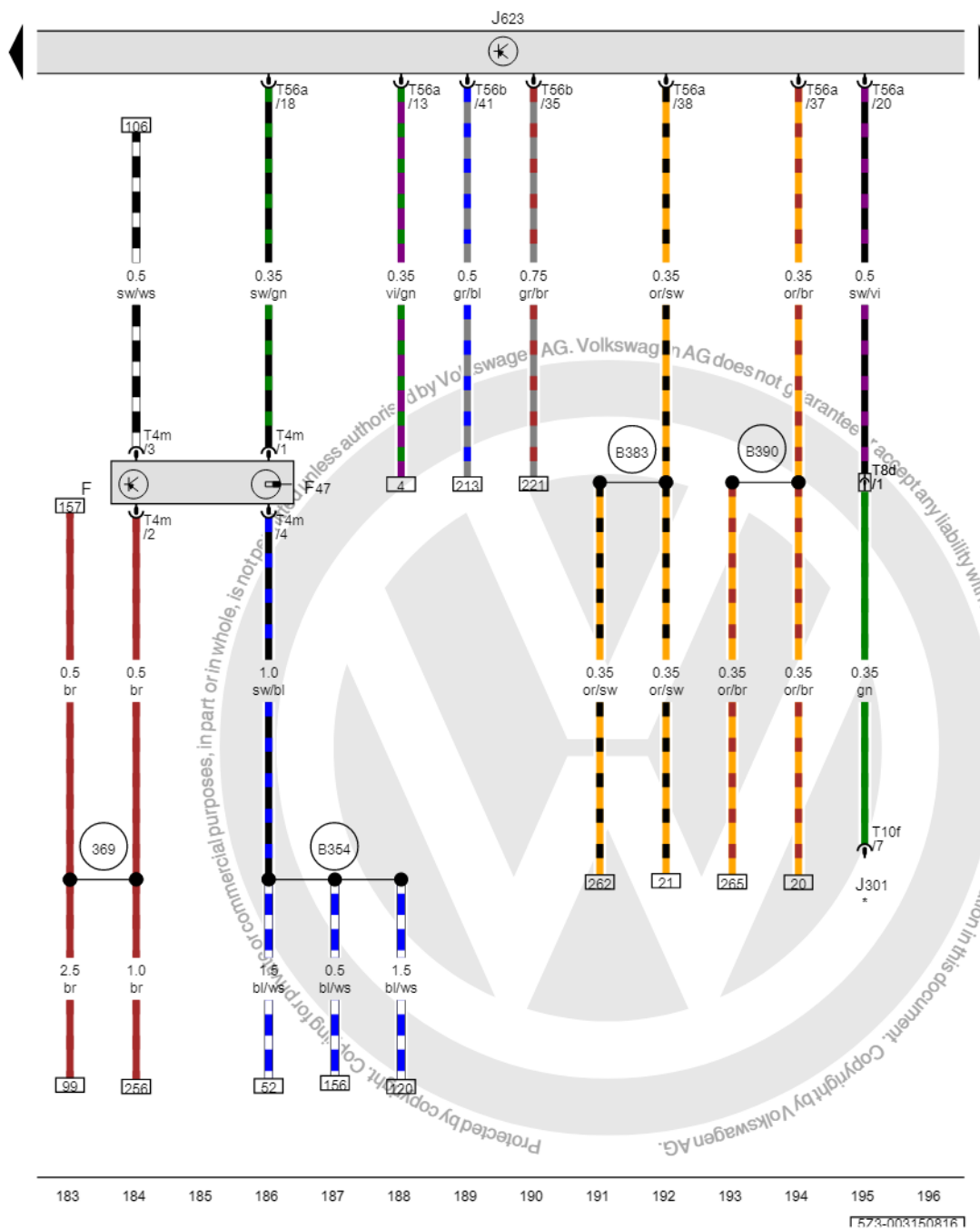
B298 Positive connection 2 (30), in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

\* Only models with air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

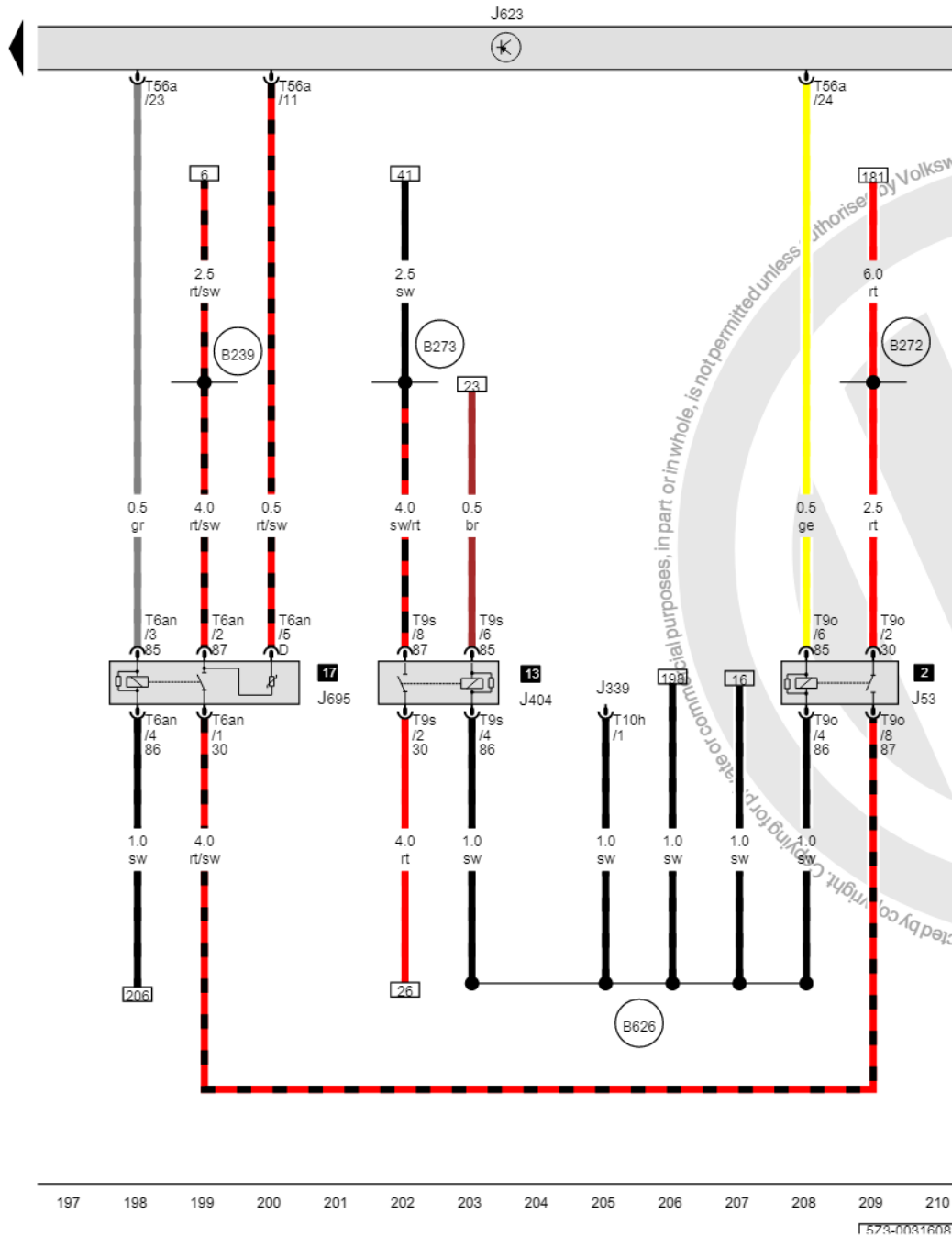


Brake light switch, Brake pedal switch, Engine control unit

- F Brake light switch
- F47 Brake pedal switch
- J301 Air conditioning system control unit
- J623 Engine control unit
- T4m 4-pin connector
- T8d 8-pin connector
- T10f 10-pin connector
- T56a 56-pin connector
- T56b 56-pin connector

- 369 Earth connection 4, in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Starter motor relay, X contact relief relay 2, Terminal 15 relief relay, Engine control unit, Starter motor relay 2

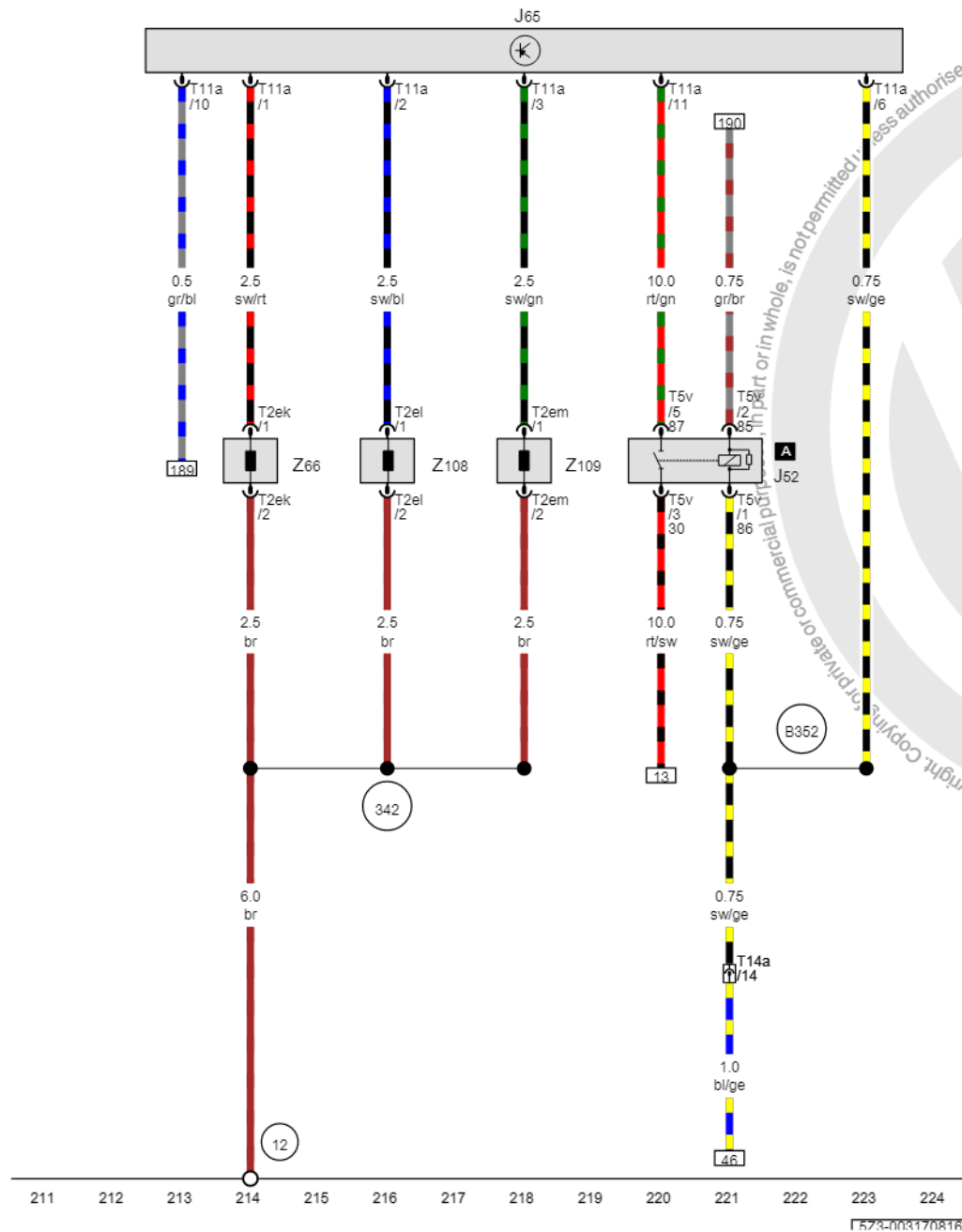
- J53 Starter motor relay
- J339 X contact relief relay 2
- J404 Terminal 15 relief relay
- J623 Engine control unit
- J695 Starter motor relay 2
- T6an 6-pin connector
- T9o 9-pin connector
- T9s 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector

- (B239) Positive connection 1 (50), in interior wiring harness
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B626) Positive connection 2 (15), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Glow plug relay, Heater control unit, Fuel pre-heating heater element, Fuel preheating element 2, Fuel preheating element 3

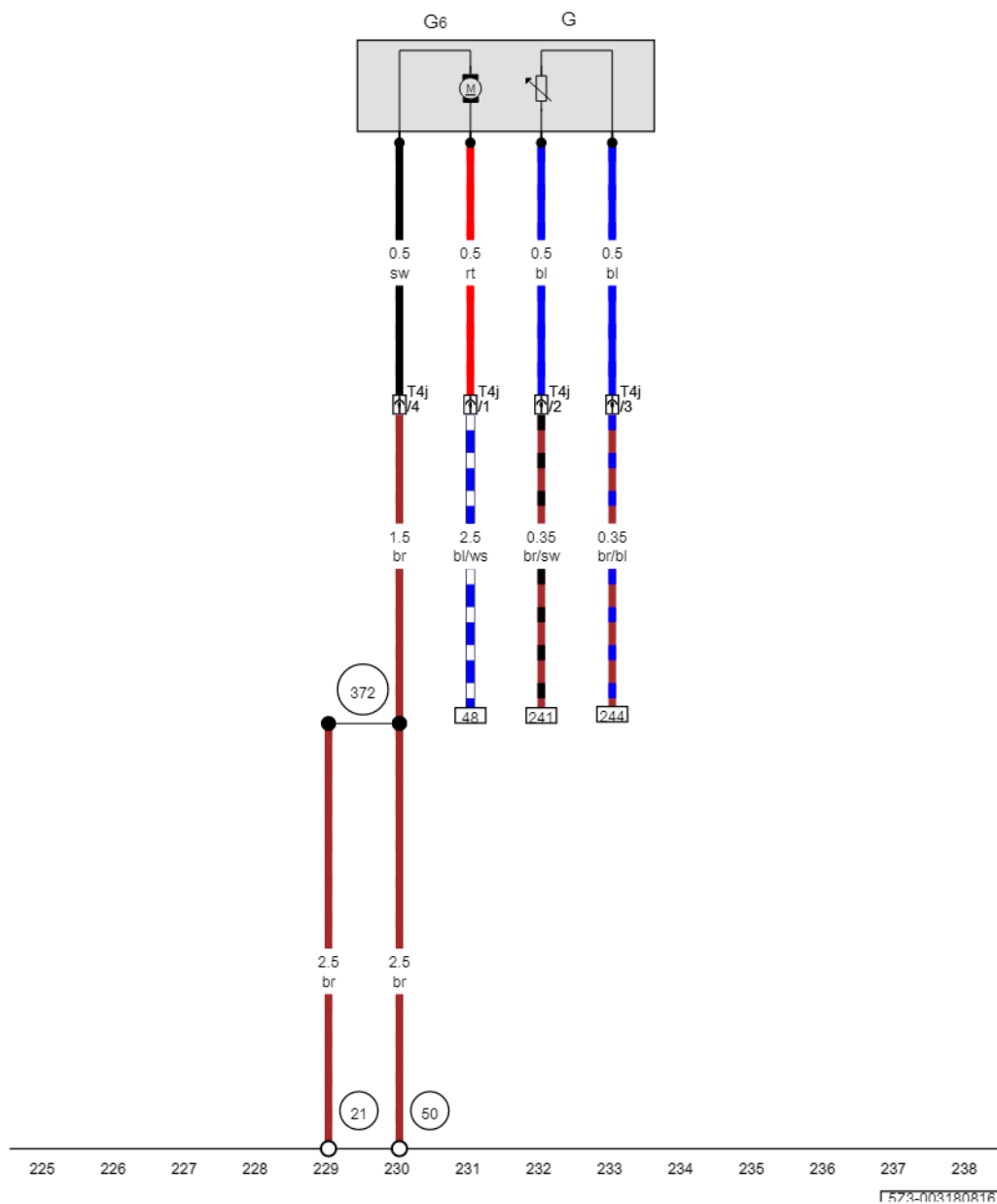


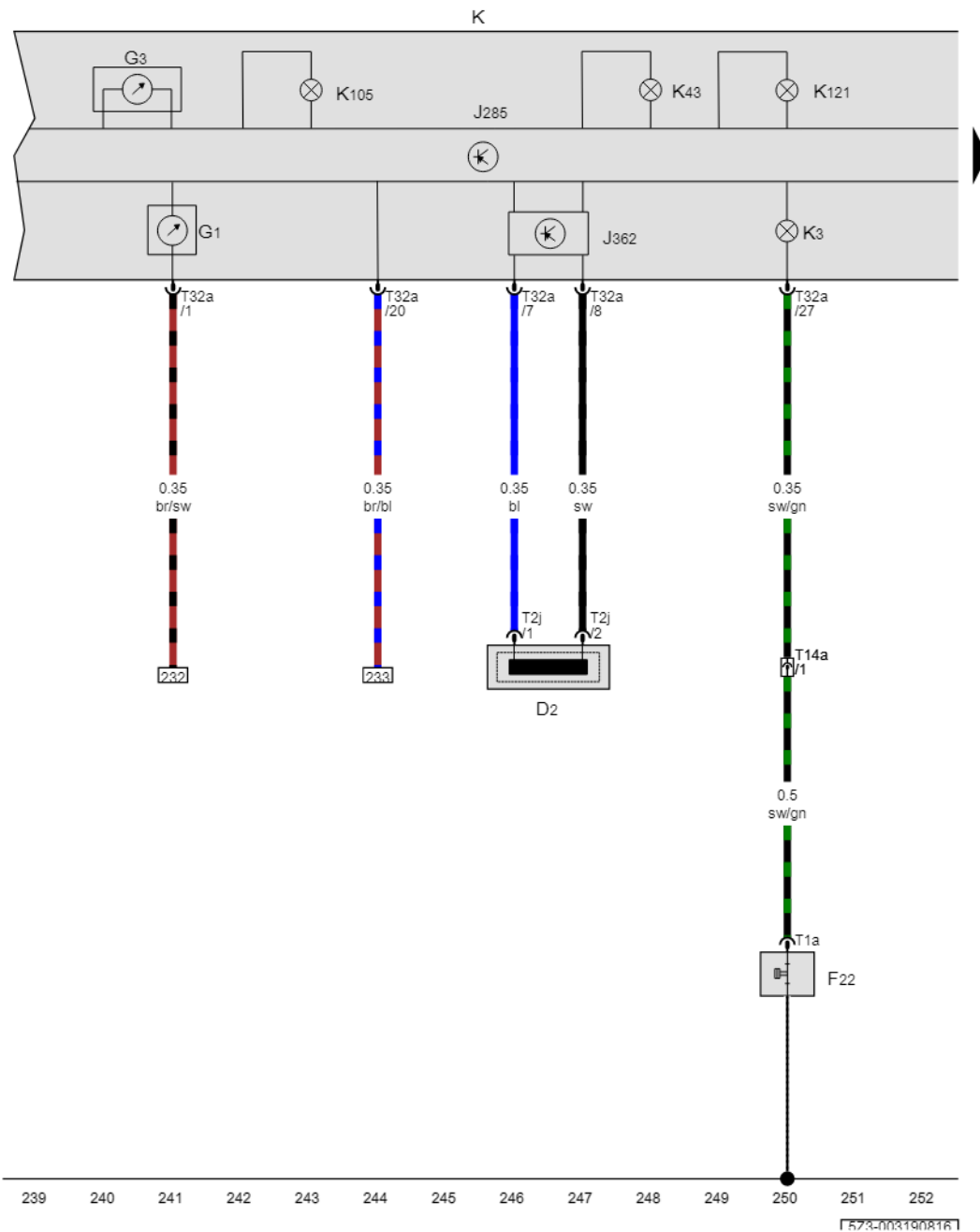
- J52 Glow plug relay
- J65 Heater control unit
- T2ek 2-pin connector
- T2el 2-pin connector
- T2em 2-pin connector
- T5v 5-pin connector
- T11a 11-pin connector
- T14a 14-pin connector, in engine compartment
- Z66 Fuel pre-heating heater element
- Z108 Fuel preheating element 2
- Z109 Fuel preheating element 3
- 12 Earth point, on left in engine compartment
- 342 Earth connection 4, in injection system wiring harness
- B352 Positive connection 3 (87a) in main wiring harness

Fuel gauge sender, Fuel system pressurisation pump

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- T4j 4-pin connector

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness

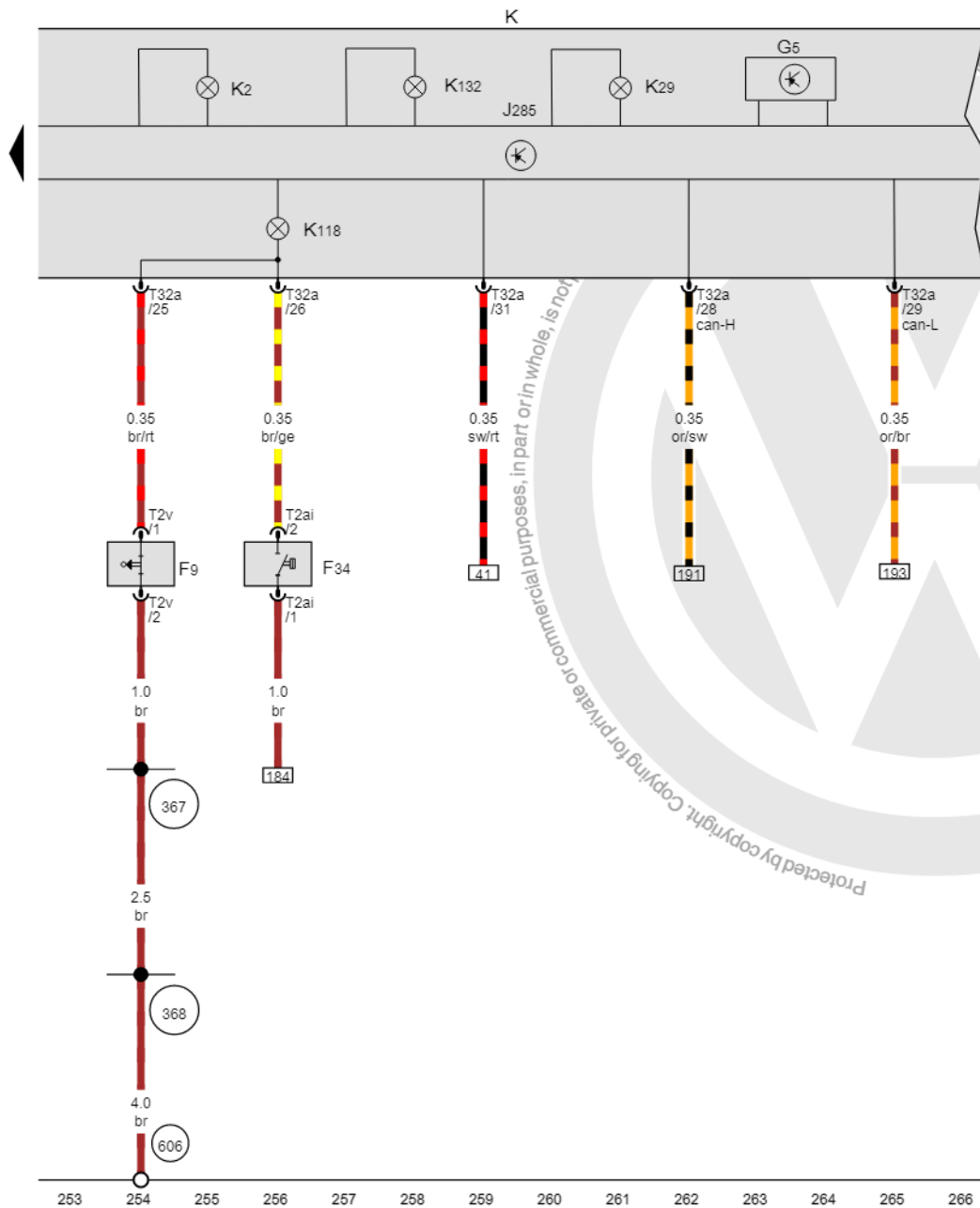




Immobiliser reader coil, Oil pressure switch, Fuel gauge, Coolant temperature gauge, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Reserve fuel warning lamp, Malfunction warning lamp

- |      |   |
|------|---|
| D2   | Immobiliser reader coil                     |
| F22  | Oil pressure switch                         |
| G1   | Fuel gauge                                  |
| G3   | Coolant temperature gauge                   |
| J285 | Control unit in dash panel insert           |
| J362 | Immobiliser control unit                    |
| K    | Dash panel insert                           |
| K3   | Oil pressure warning lamp                   |
| K43  | Coolant temperature warning lamp (too cold) |
| K105 | Reserve fuel warning lamp                   |
| K121 | Malfunction warning lamp                    |
| T1a  | Single connector                            |
| T2j  | 2-pin connector                             |
| T14a | 14-pin connector, in engine compartment     |
| T32a | 32-pin connector                            |

- ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Handbrake warning switch, Brake fluid level warning contact, Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Glow period warning lamp, Brake system warning lamp, Electronic power control fault lamp

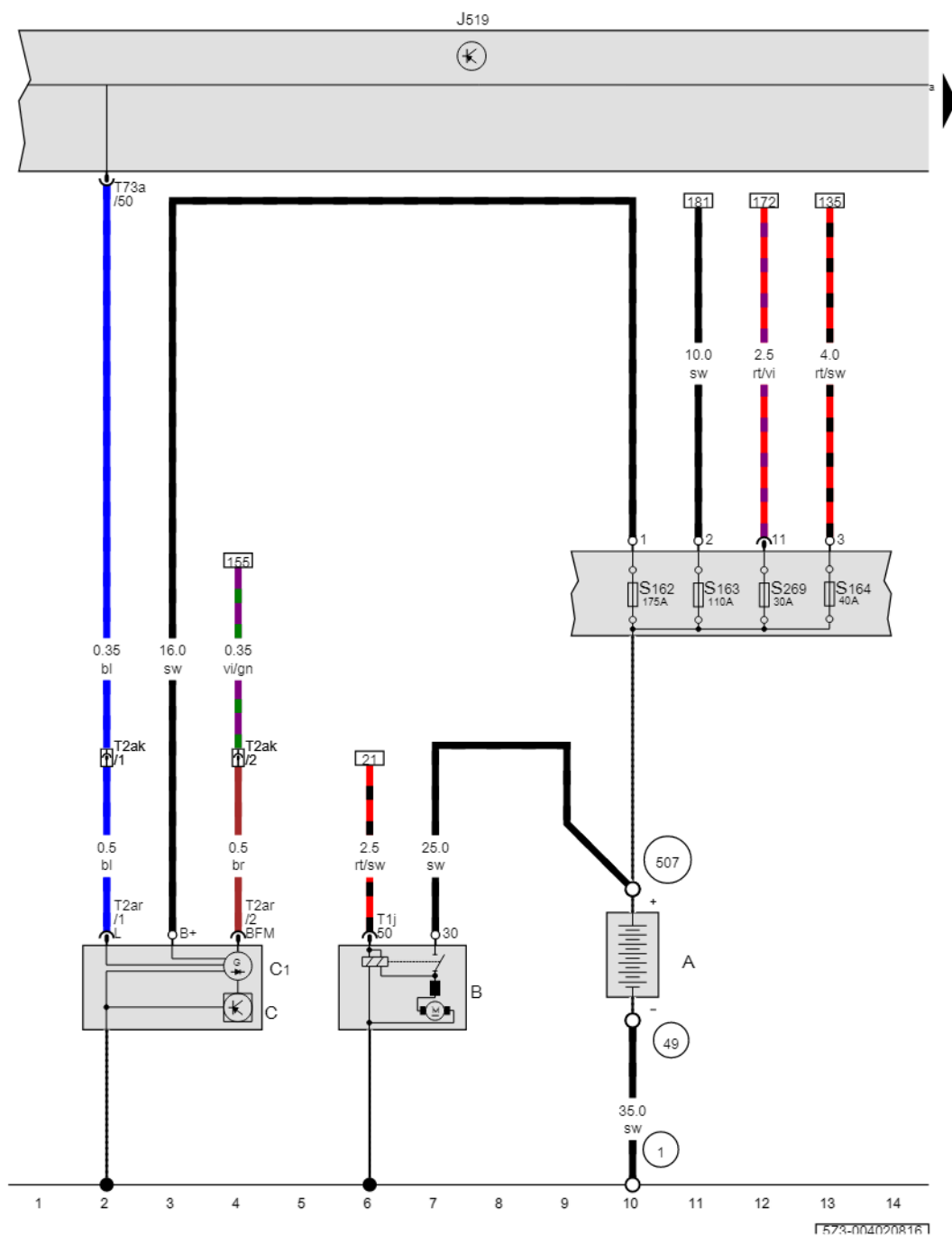
- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- K118 Brake system warning lamp
- K132 Electronic power control fault lamp
- T2ai 2-pin connector
- T2v 2-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1.0l engine , CPBA  
From April 2013

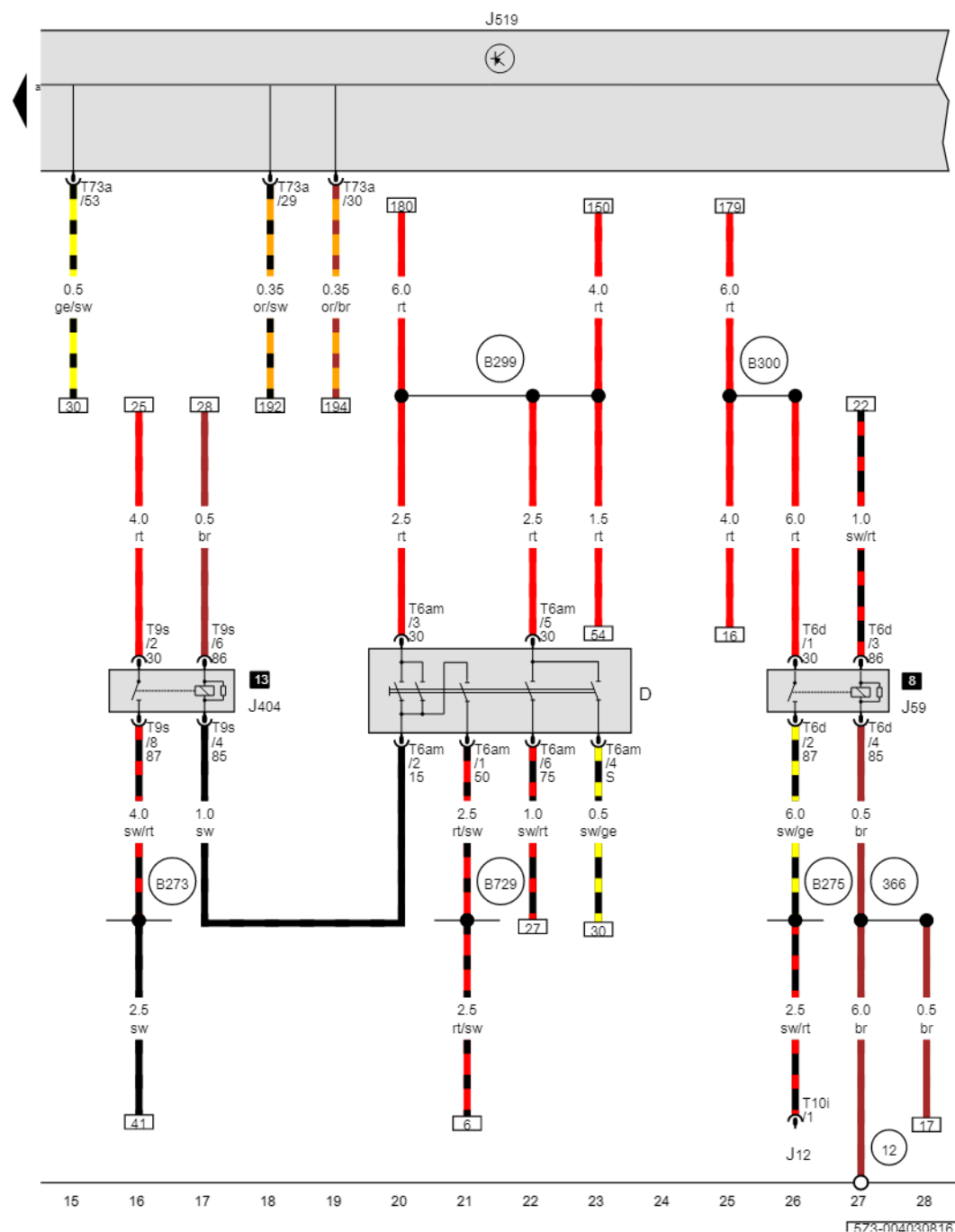




Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

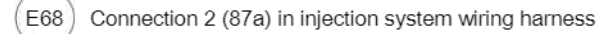
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 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- T73a 73-pin connector
- 12 Earth point, on left in engine compartment
- 366 Earth connection 1, in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

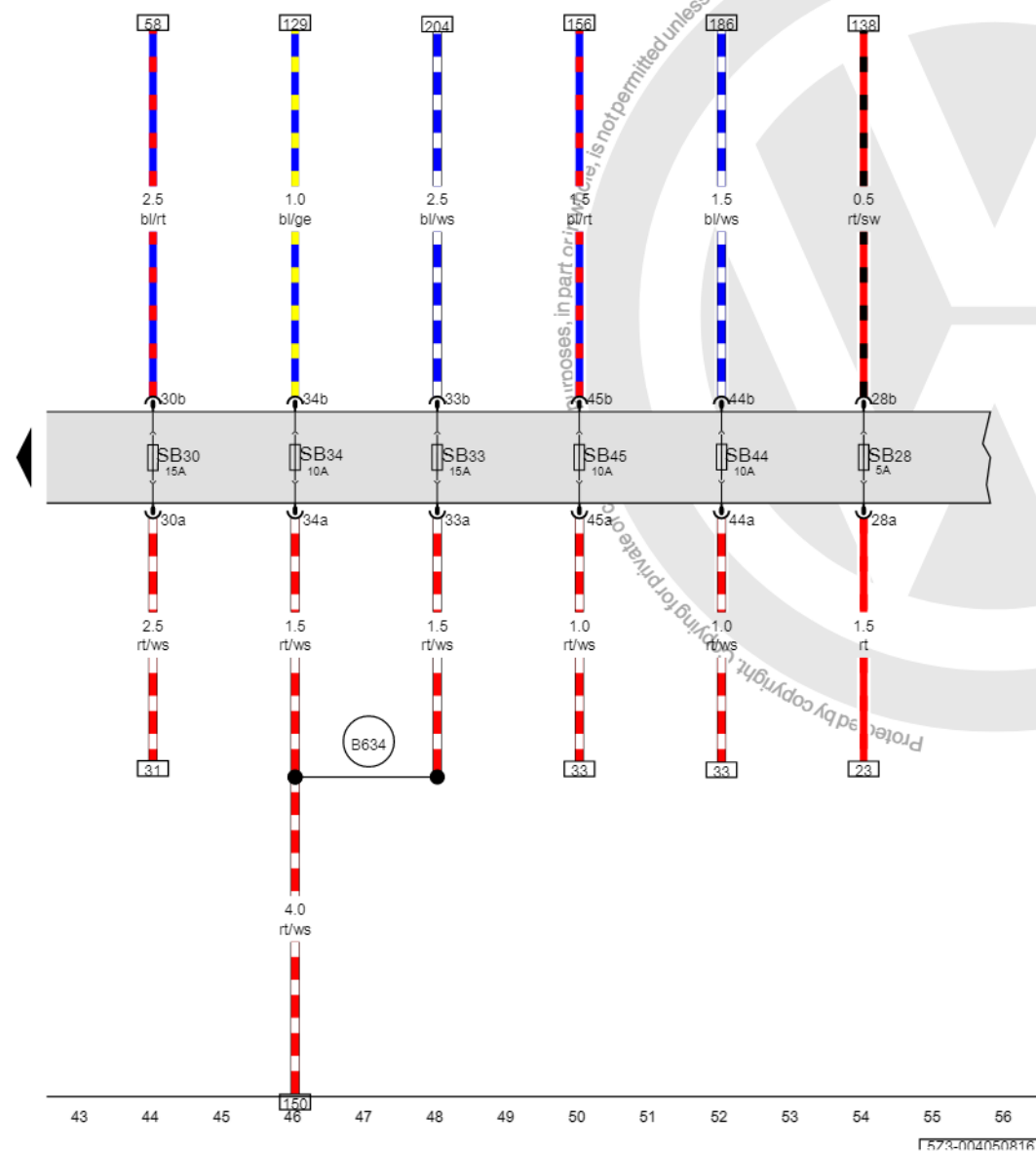




Fuse 28 on fuse holder B, Fuse 30 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 44 on fuse holder B, Fuse 45 on fuse holder B

SB28 Fuse 28 on fuse holder B  
SB30 Fuse 30 on fuse holder B  
SB33 Fuse 33 on fuse holder B  
SB34 Fuse 34 on fuse holder B  
SB44 Fuse 44 on fuse holder B  
SB45 Fuse 45 on fuse holder B

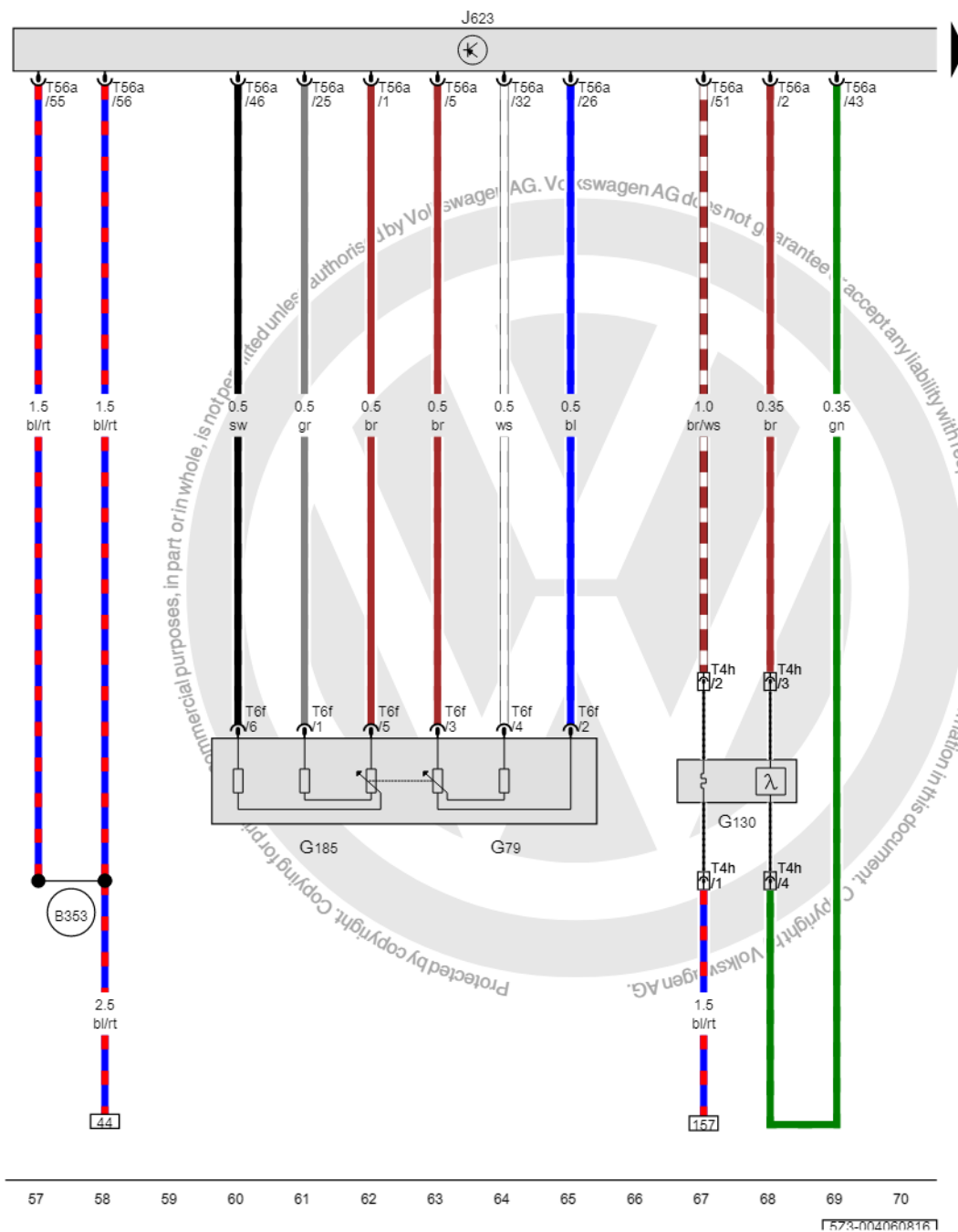
B634 Positive connection 2 (87), in main wiring harness

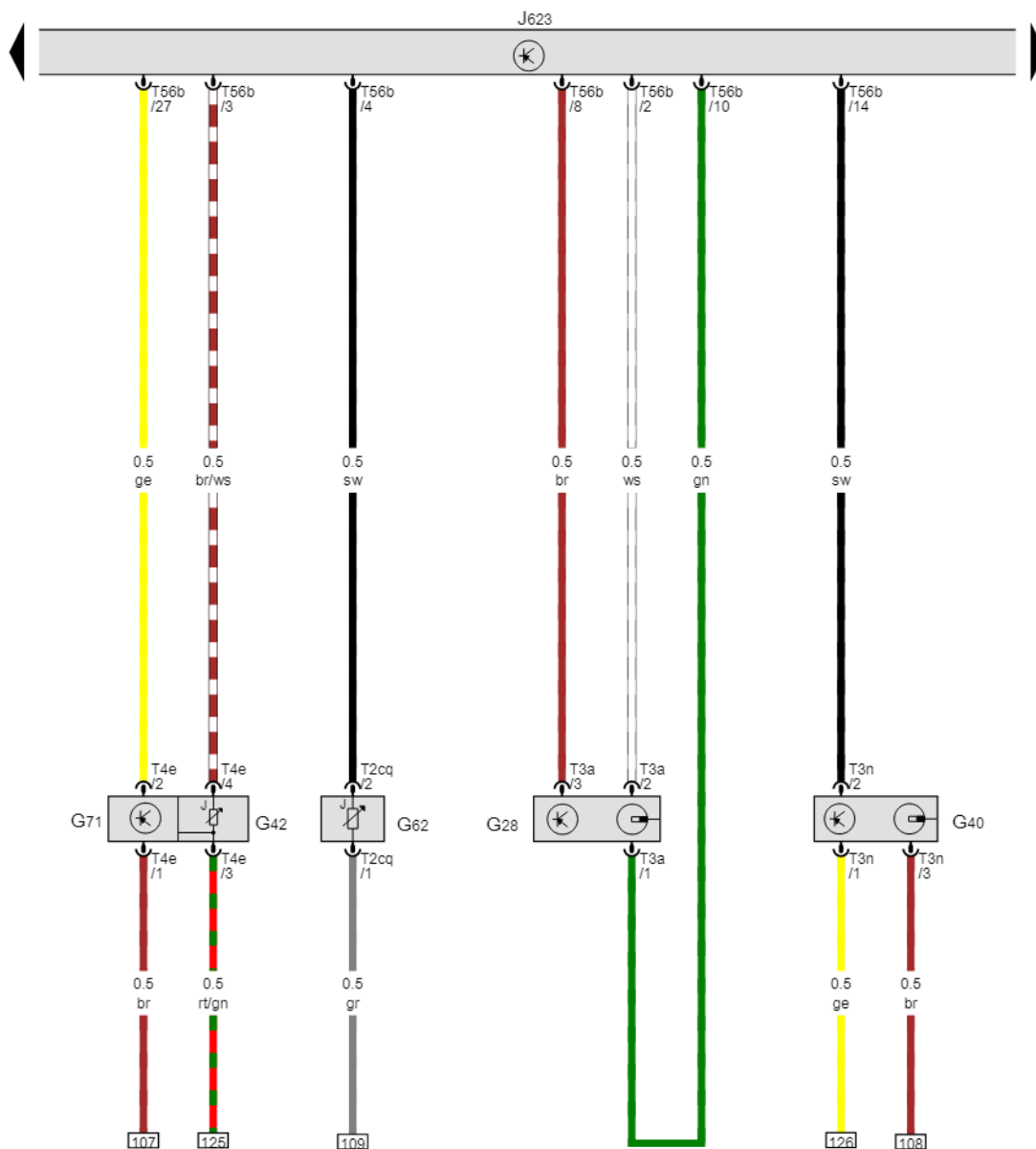


ws = white  
sw = black  
ro = red  
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br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Accelerator position sender, Lambda probe after catalytic converter, Accelerator position sender 2, Engine control unit

- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine control unit
- T4h 4-pin connector
- T6f 6-pin connector
- T56a 56-pin connector
- B353 Positive connection 4 (87a) in main wiring harness

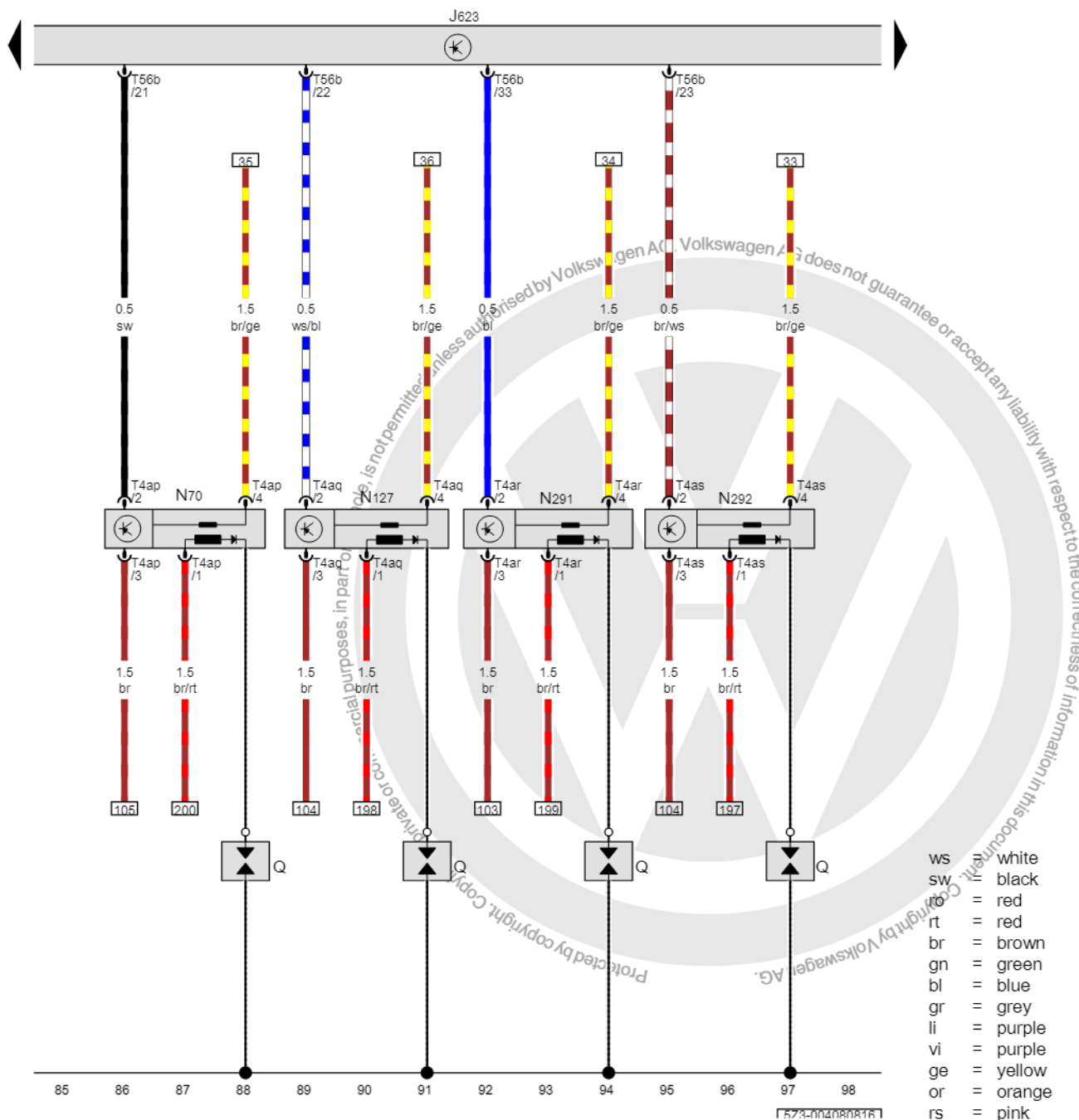




Engine speed sender, Hall sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G28 Engine speed sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T3a 3-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector

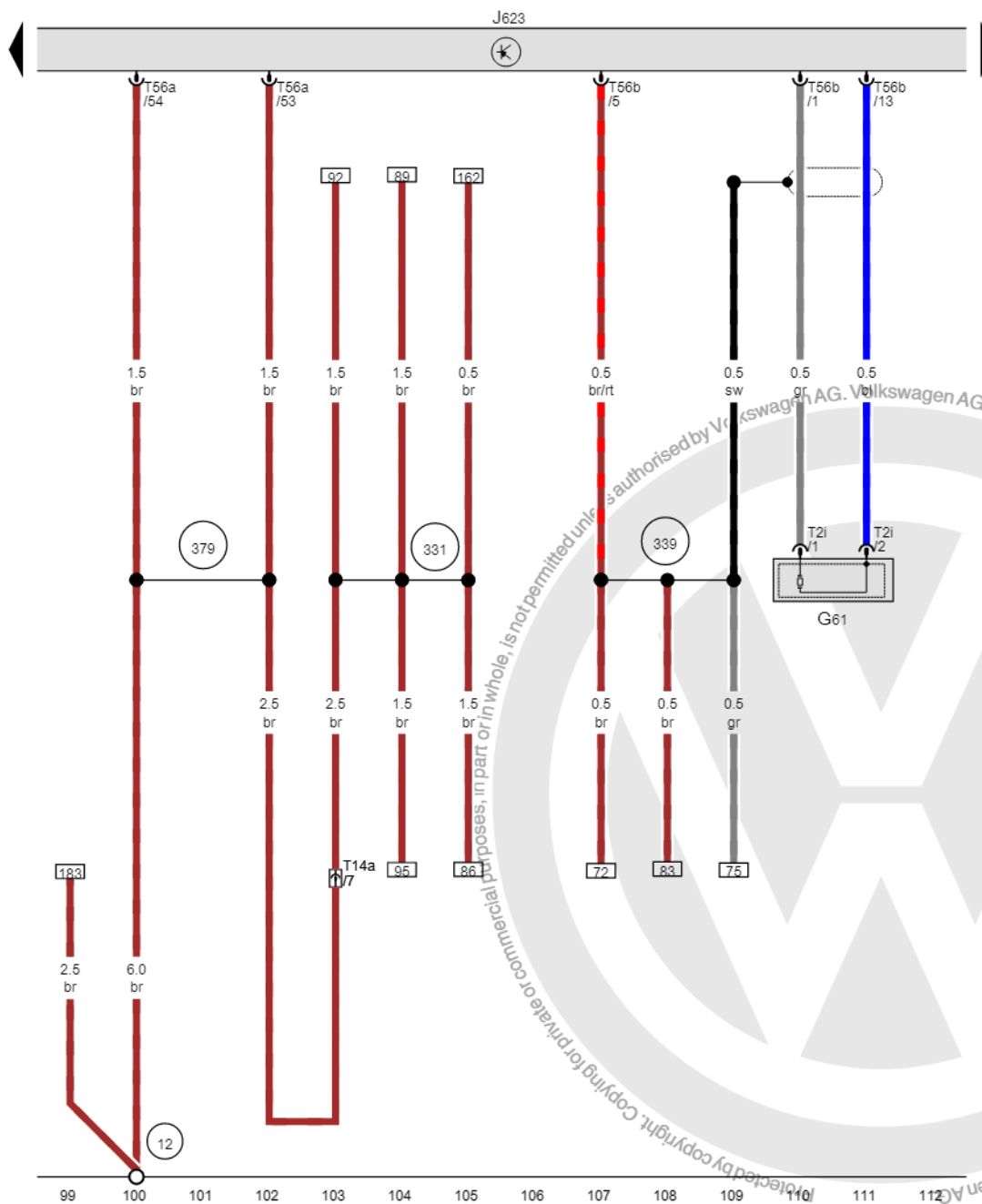
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- gn = green
- bl = blue
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plugs

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q Spark plugs
- T4ap 4-pin connector
- T4aq 4-pin connector
- T4ar 4-pin connector
- T4as 4-pin connector
- T56b 56-pin connector

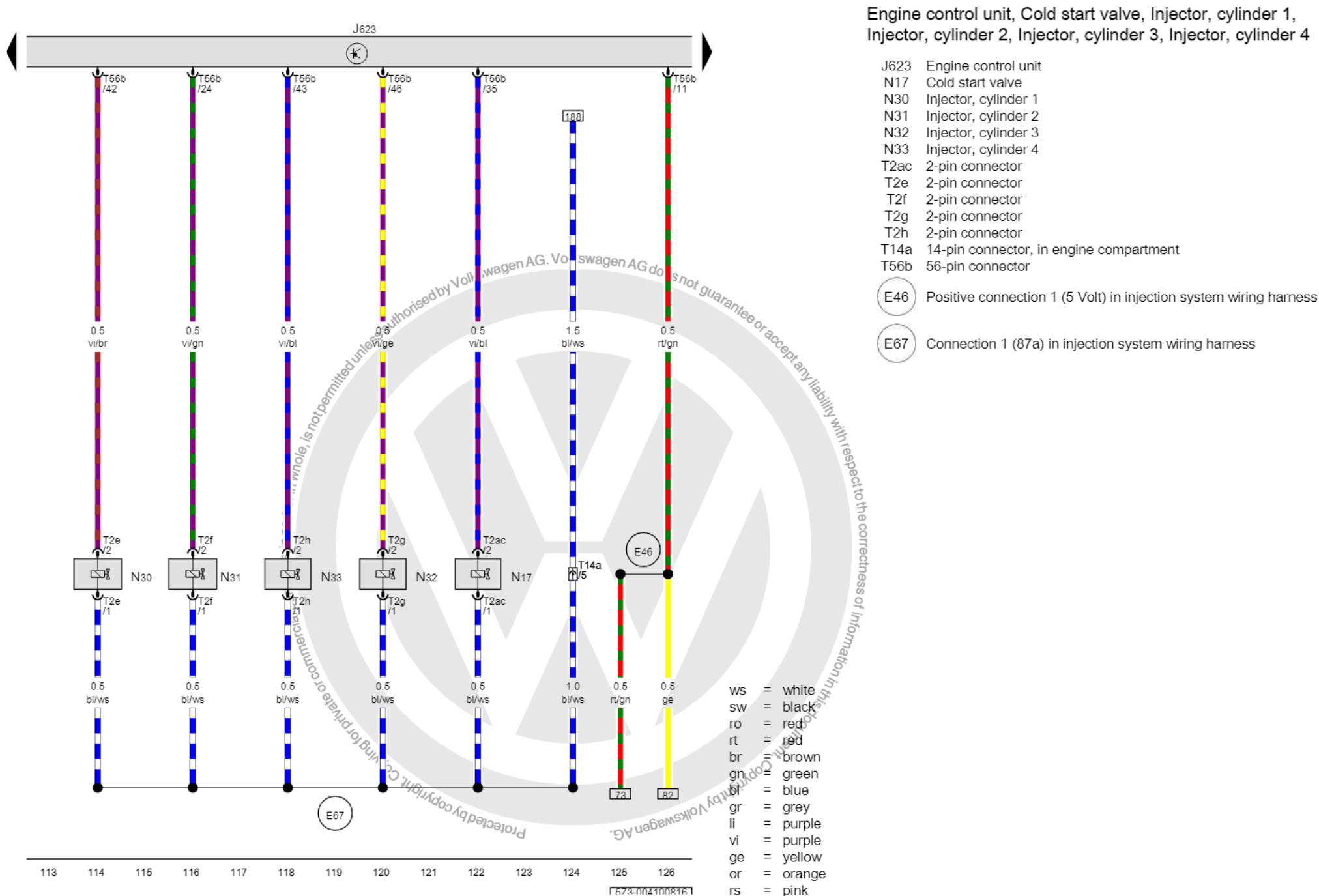
- ws = white
- sw = black
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

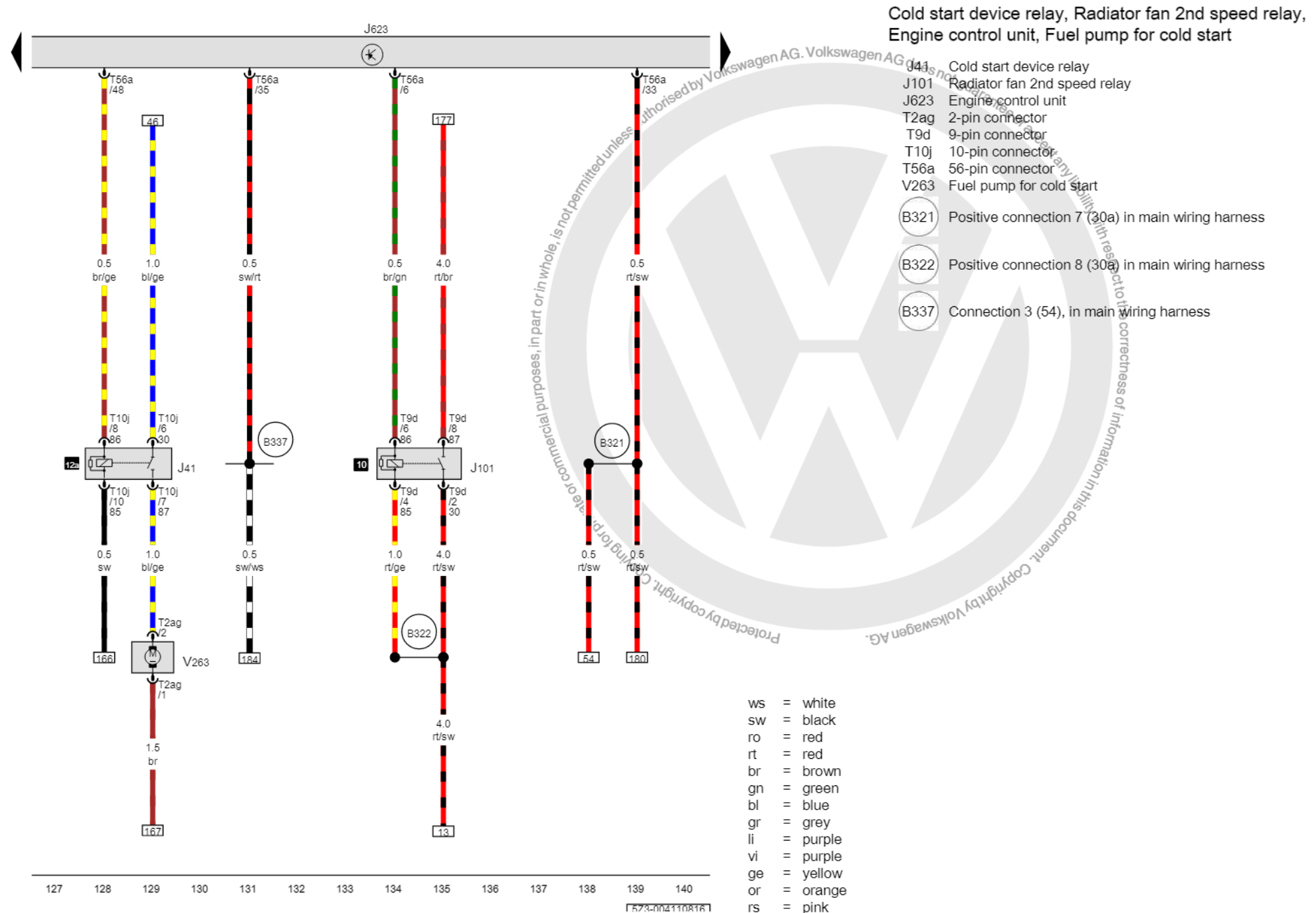


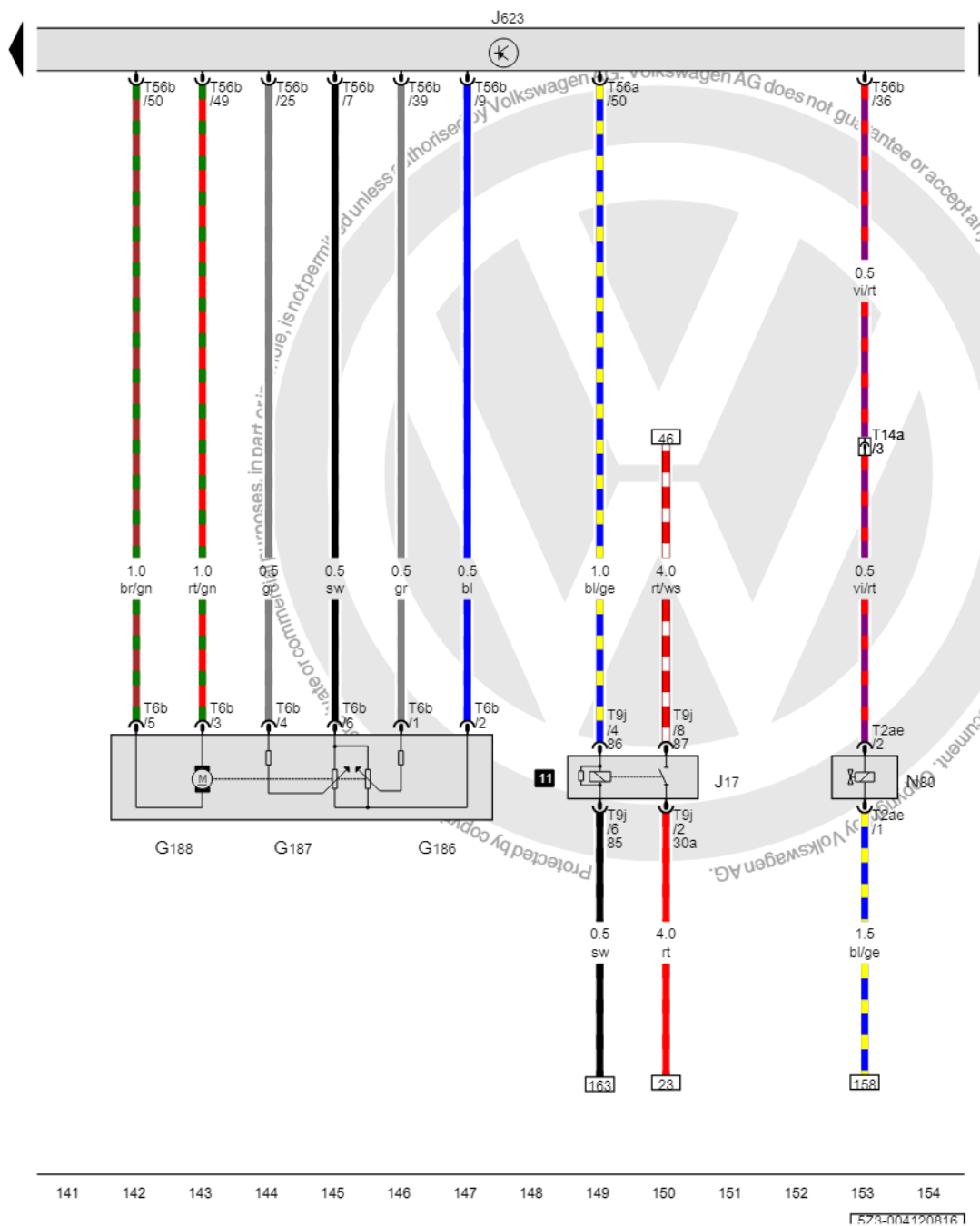
# Knock sensor 1, Engine control unit

- G61 Knock sensor 1
- J623 Engine control unit
- T2i 2-pin connector
- T14a 14-pin connector, in engine compartment
- T56a 56-pin connector
- T56b 56-pin connector
- 12 Earth point, on left in engine compartment
- 331 Earth connection, in injection system wiring harness
- 339 Earth connection (sender earth), in injection system wiring harness
- 379 Earth connection 14, in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



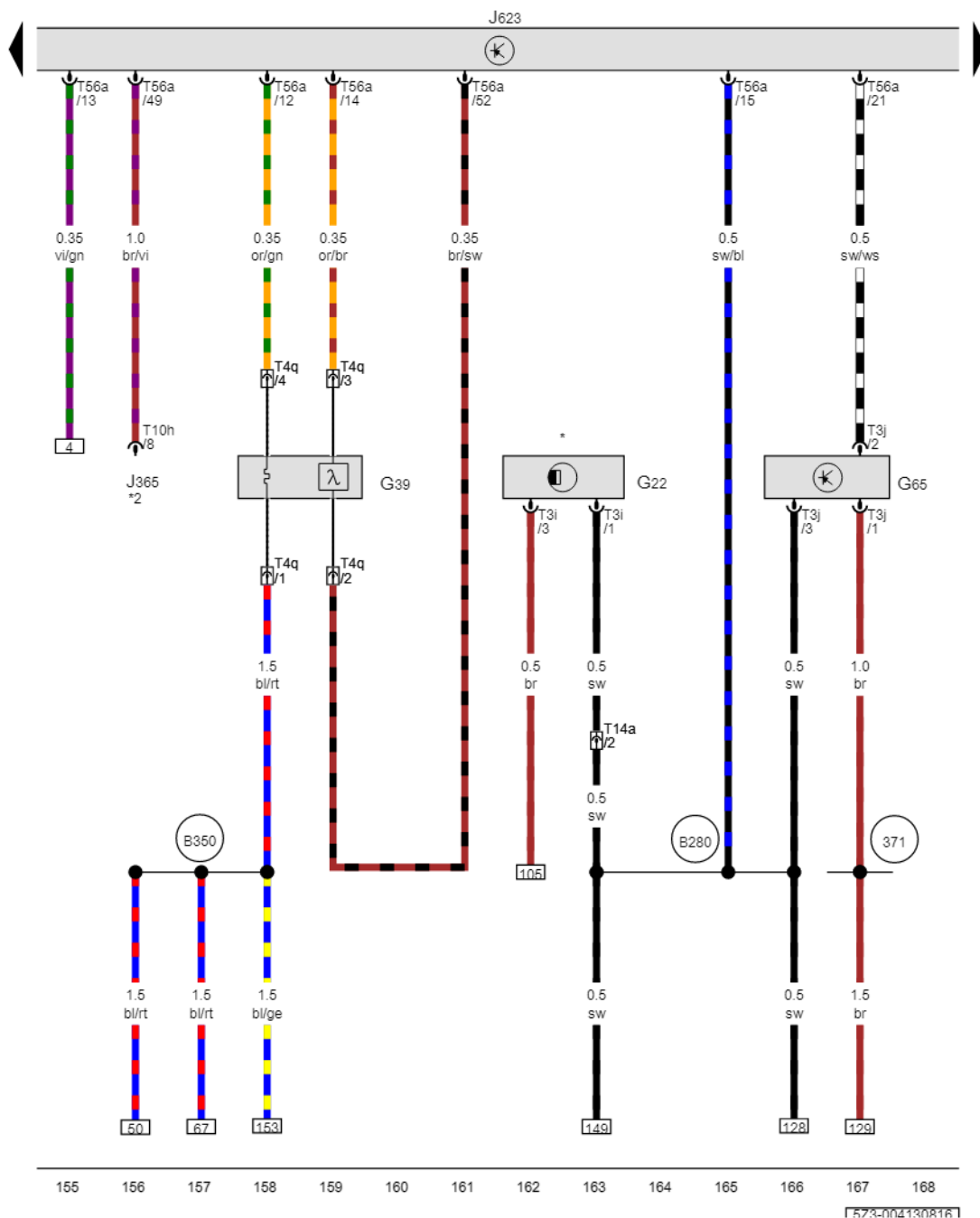




Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Fuel pump relay, Engine control unit, Activated charcoal filter solenoid valve 1

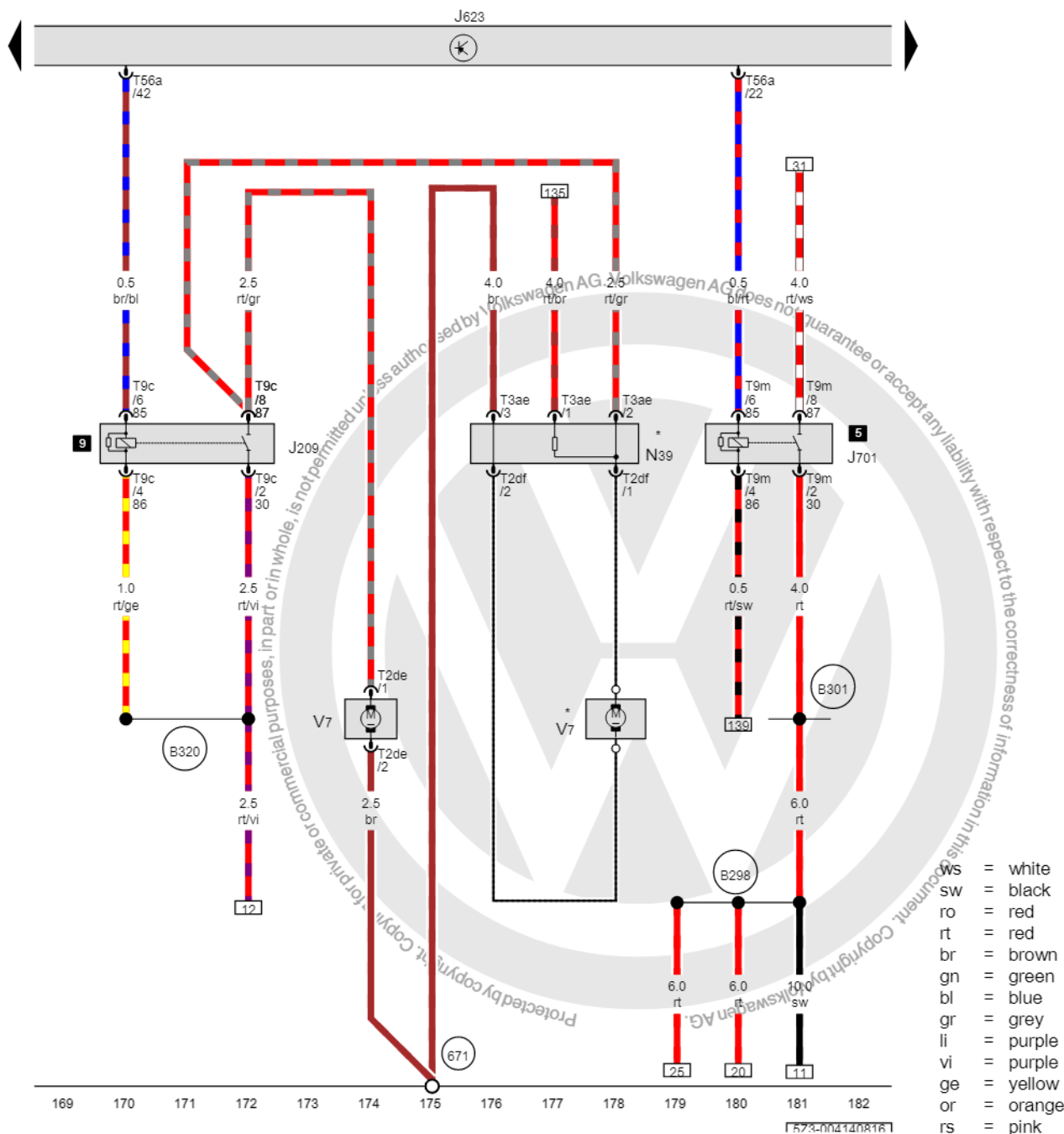
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J17 Fuel pump relay
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector
- T6b 6-pin connector
- T9j 9-pin connector
- T14a 14-pin connector, in engine compartment
- T56a 56-pin connector
- T56b 56-pin connector





Speedometer sender, Lambda probe, High-pressure sender, Air conditioning system switch-off relay, Engine control unit

- G22 Speedometer sender
- G39 Lambda probe
- G65 High-pressure sender
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3i 3-pin connector
- T3j 3-pin connector
- T4q 4-pin connector
- T10h 10-pin connector
- T14a 14-pin connector, in engine compartment
- T56a 56-pin connector
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- \* Up to June 2013
- \*2 Only models with air conditioning system

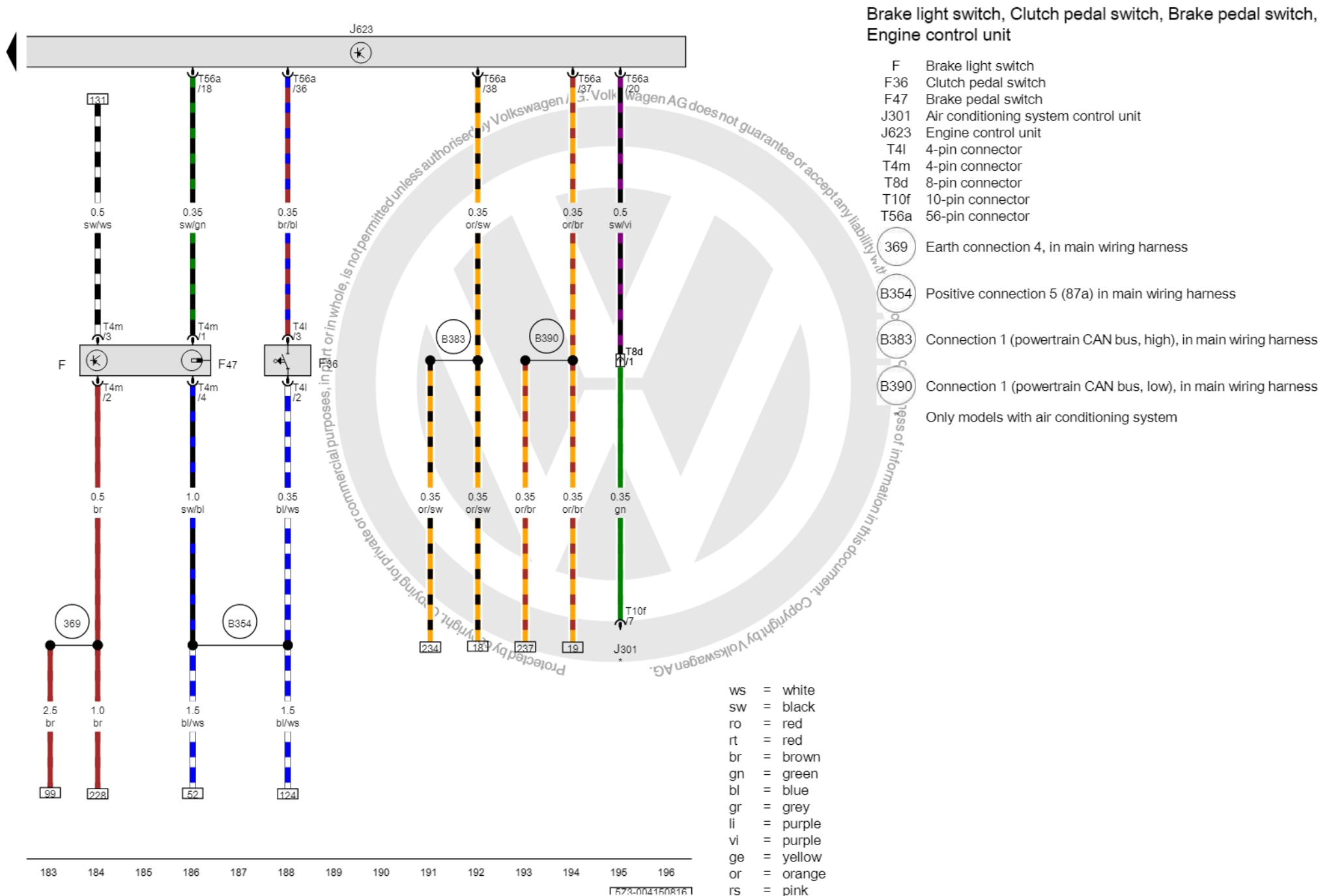


Fresh air blower and radiator fan relay, Engine control unit, Voltage supply relay 1, Radiator fan series resistor, Radiator fan

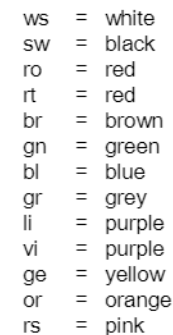
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- J701 Voltage supply relay 1
- N39 Radiator fan series resistor
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9m 9-pin connector
- T56a 56-pin connector
- V7 Radiator fan

- 671 Earth point 1, on front of left longitudinal member
- B298 Positive connection 2 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness

\* Only models with air conditioning system



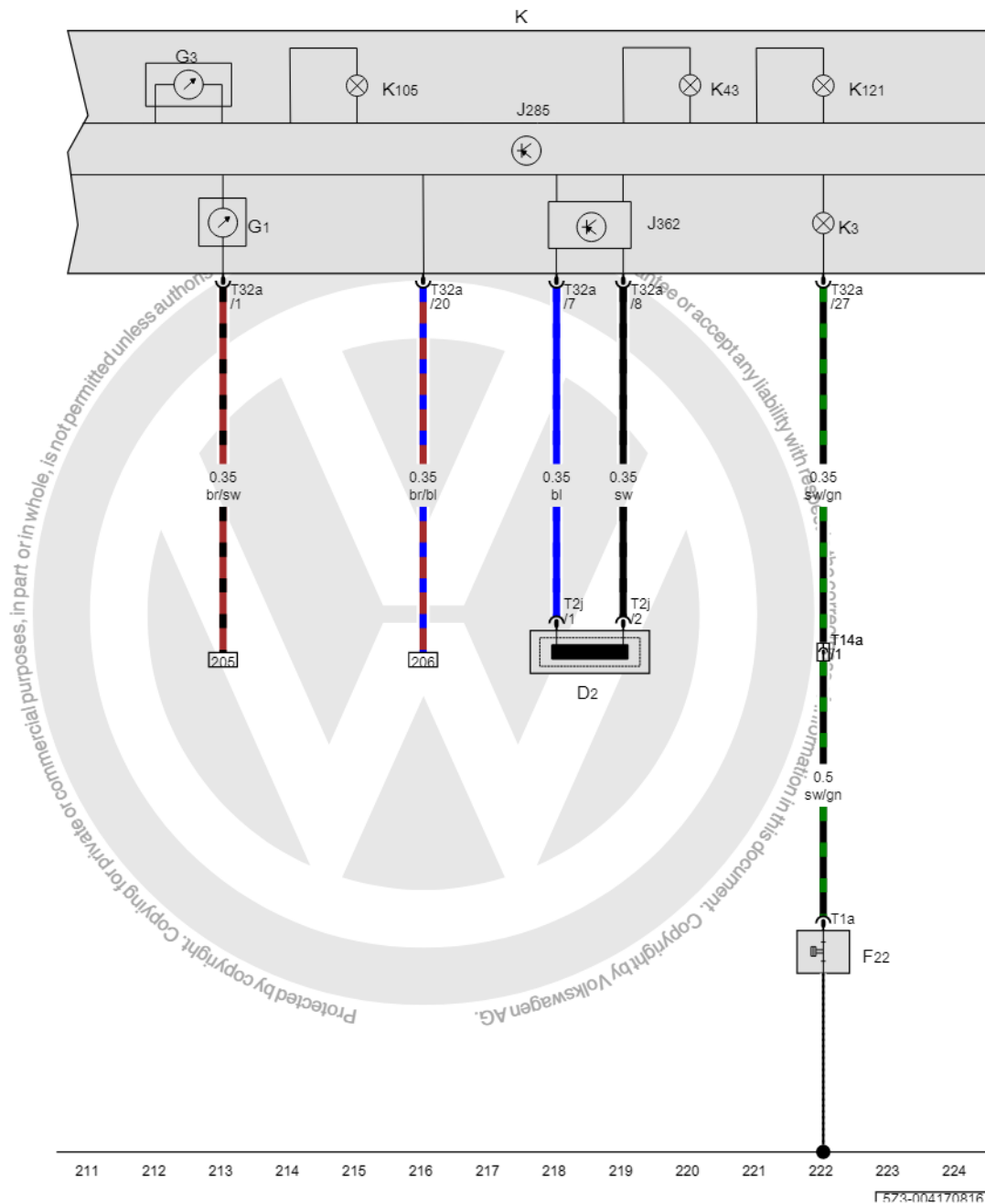
G Fuel gauge sender  
G6 Fuel system pressurisation pump  
T4j 4-pin connector



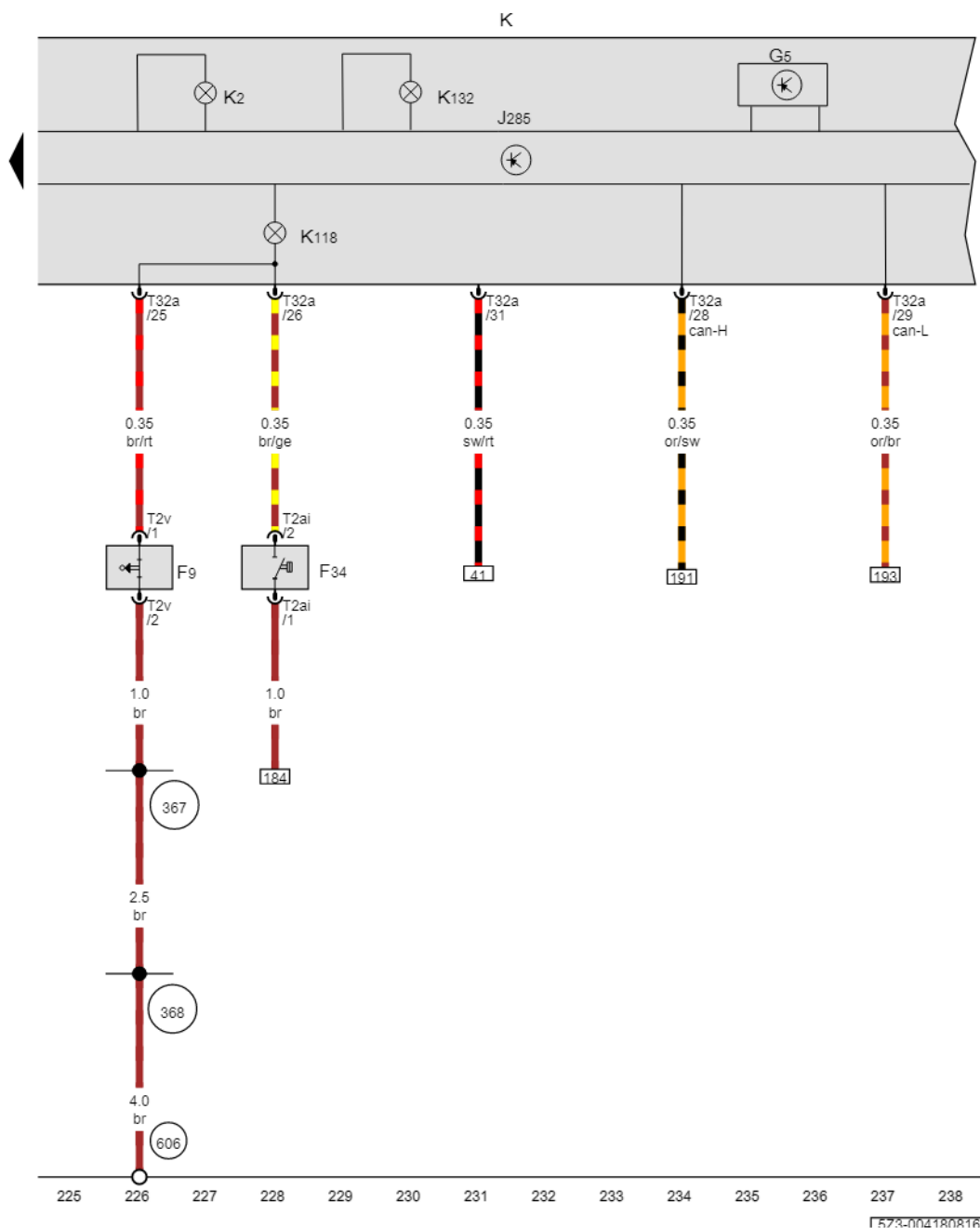
- 15 Earth point, on cylinder head
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 341 Earth connection 3, in injection system wiring harness
- 372 Earth connection 7, in main wiring harness

Immobiliser reader coil, Oil pressure switch, Fuel gauge, Coolant temperature gauge, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Reserve fuel warning lamp, Malfunction warning lamp

- D2 Immobiliser reader coil
- F22 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K105 Reserve fuel warning lamp
- K121 Malfunction warning lamp
- T1a Single connector
- T2j 2-pin connector
- T14a 14-pin connector, in engine compartment
- T32a 32-pin connector



- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Handbrake warning switch, Brake fluid level warning contact, Rev. counter, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Brake system warning lamp, Electronic power control fault lamp

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K118 Brake system warning lamp
- K132 Electronic power control fault lamp
- T2ai 2-pin connector
- T2v 2-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick

- ws = white
- sw = black
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- br = brown
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- bl = blue
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## Basic equipment

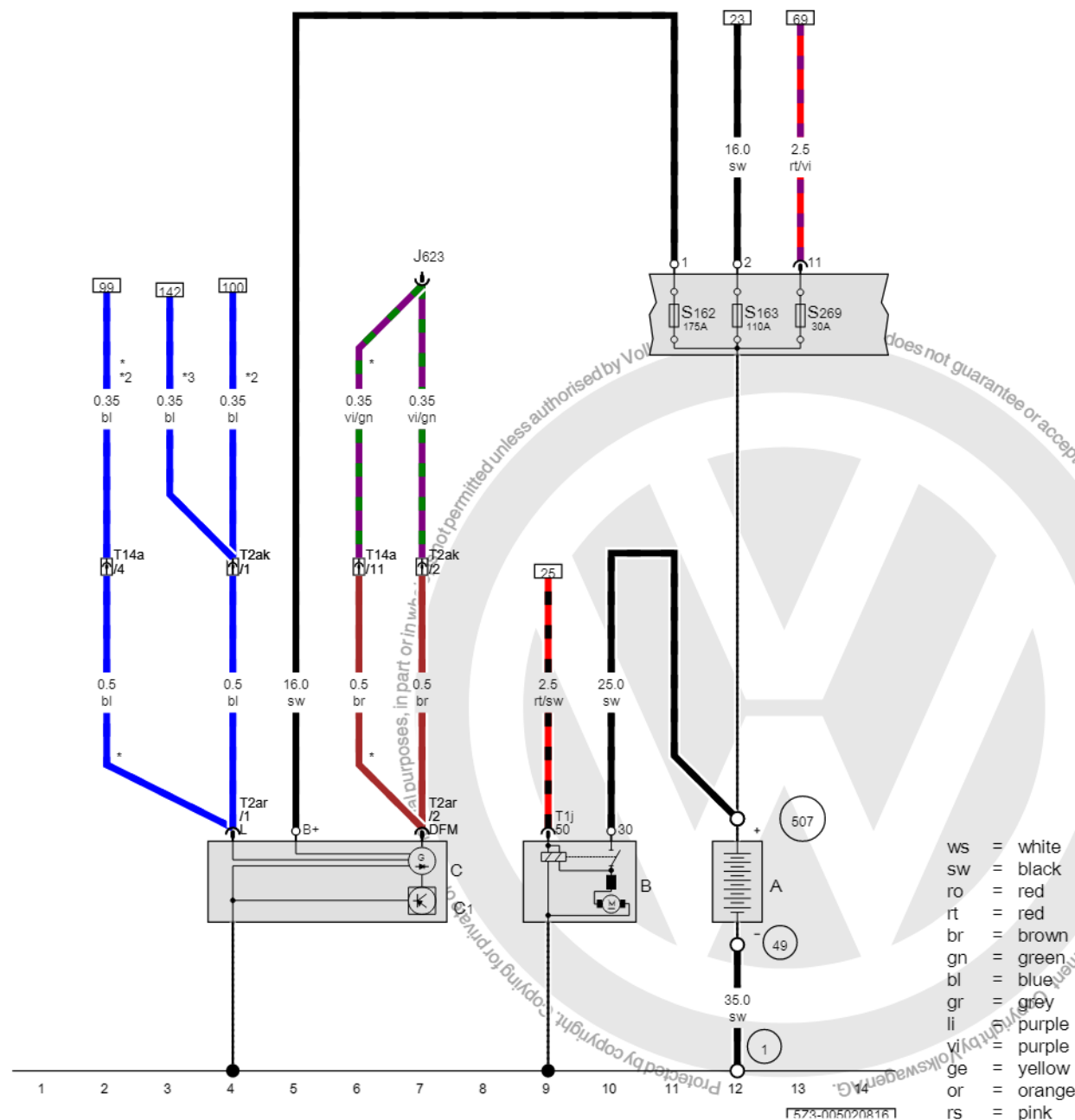
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM



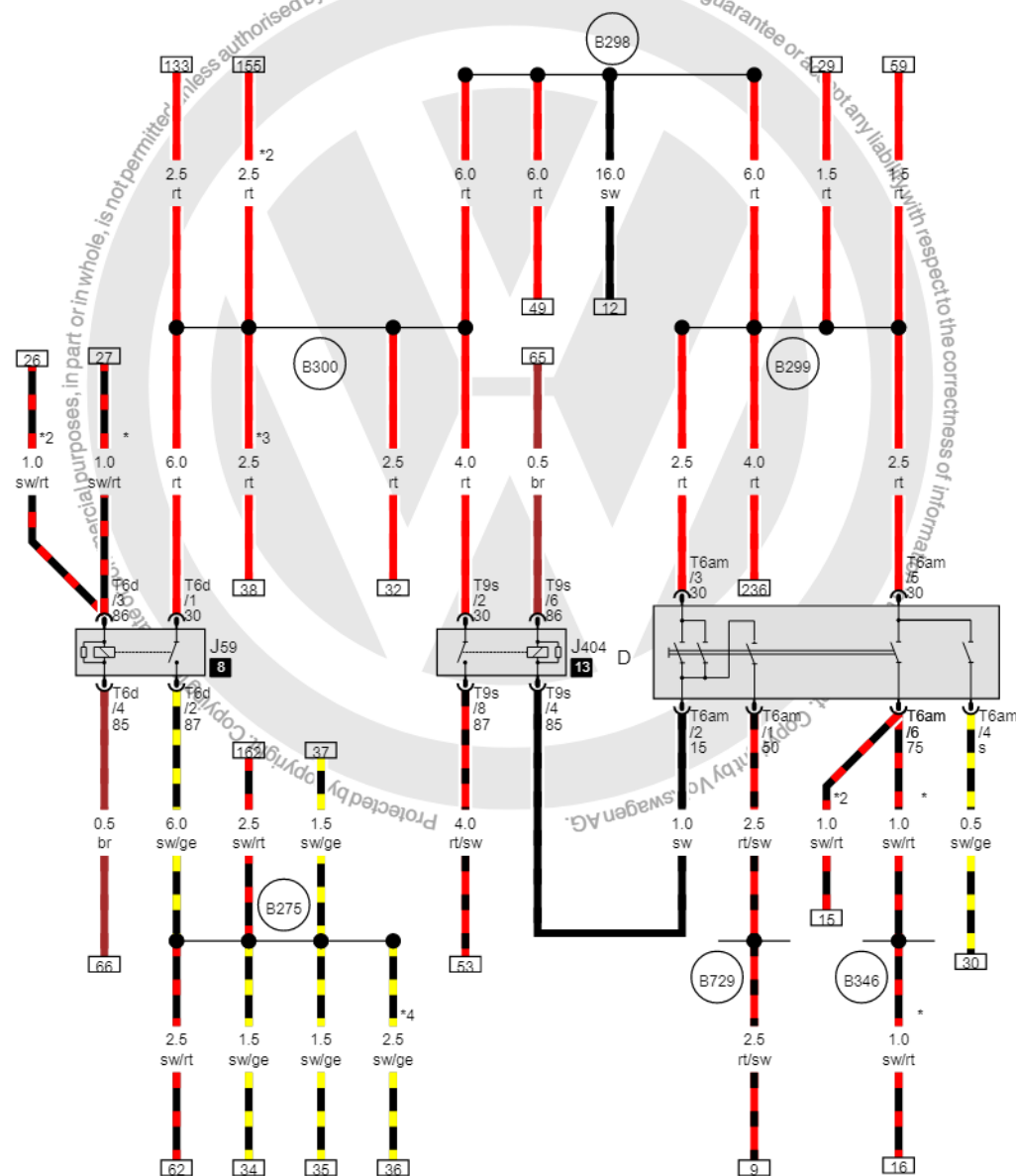


Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Up to April 2013
- \*4 From April 2013



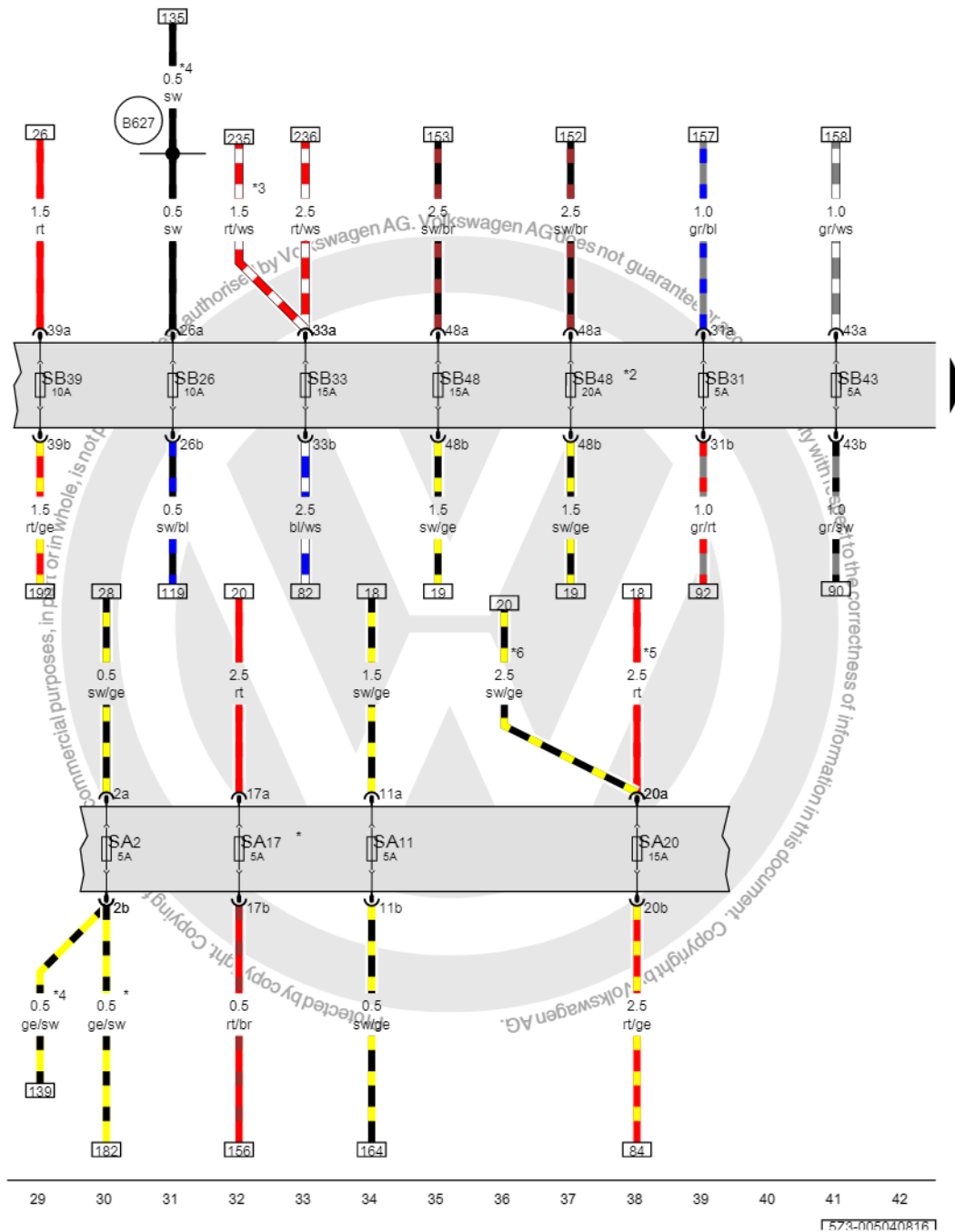
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

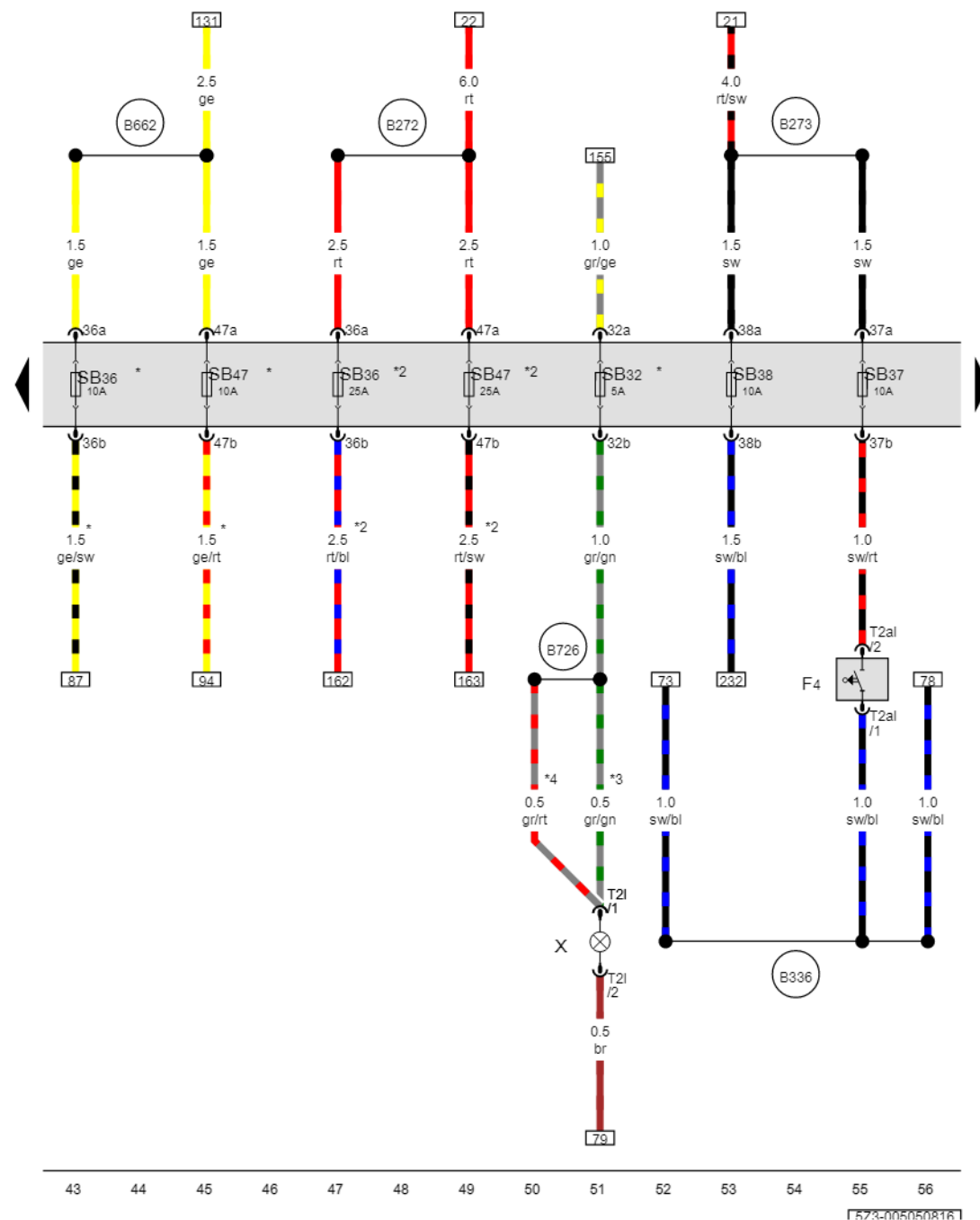
Fuse 2 in fuse holder A, Fuse 11 in fuse holder A, Fuse 17 in fuse holder A, Fuse 20 in fuse holder A, Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 33 on fuse holder B, Fuse 39 on fuse holder B, Fuse 43 on fuse holder B, Fuse 48 on fuse holder B

- SA2 Fuse 2 in fuse holder A
- SA11 Fuse 11 in fuse holder A
- SA17 Fuse 17 in fuse holder A
- SA20 Fuse 20 in fuse holder A
- SB26 Fuse 26 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB39 Fuse 39 on fuse holder B
- SB43 Fuse 43 on fuse holder B
- SB48 Fuse 48 on fuse holder B

B627 Positive connection 3 (15), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only smoker version models
- \*3 Only models with BlueMotion equipment
- \*4 Only models with onboard supply control unit BFM
- \*5 Up to April 2013
- \*6 From April 2013





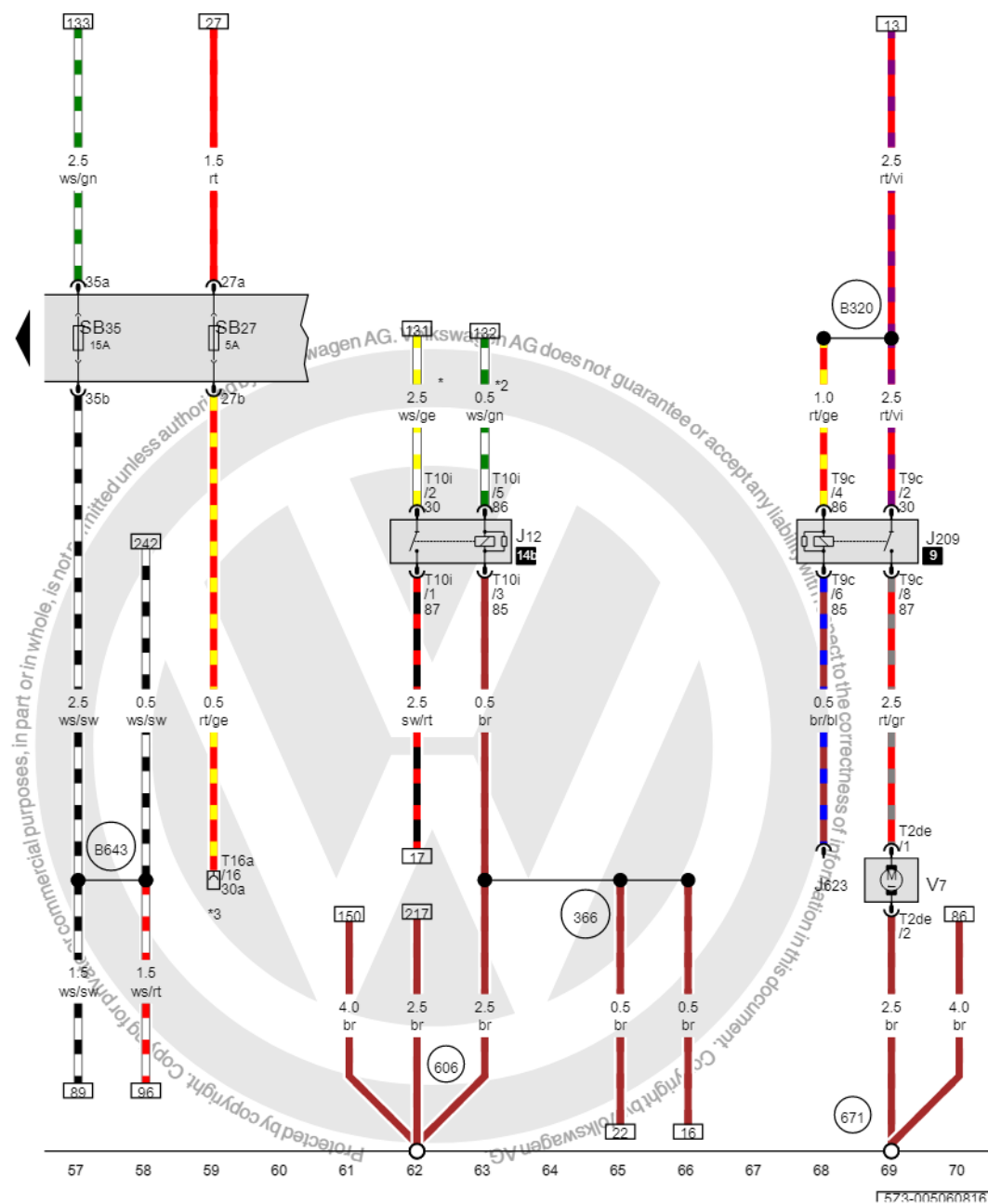
# Reversing light switch, Number plate light

- F4 Reversing light switch
- SB32 Fuse 32 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- SB47 Fuse 47 on fuse holder B
- T2al 2-pin connector
- T2l 2-pin connector
- X Number plate light

- B272 Positive connection (30), in main wiring harness
- B273 Positive connection (15), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with 4-doors
- \*4 Only models with 2-doors

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- gr = grey
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Headlight main beam relay, Fresh air blower and radiator fan relay, Radiator fan



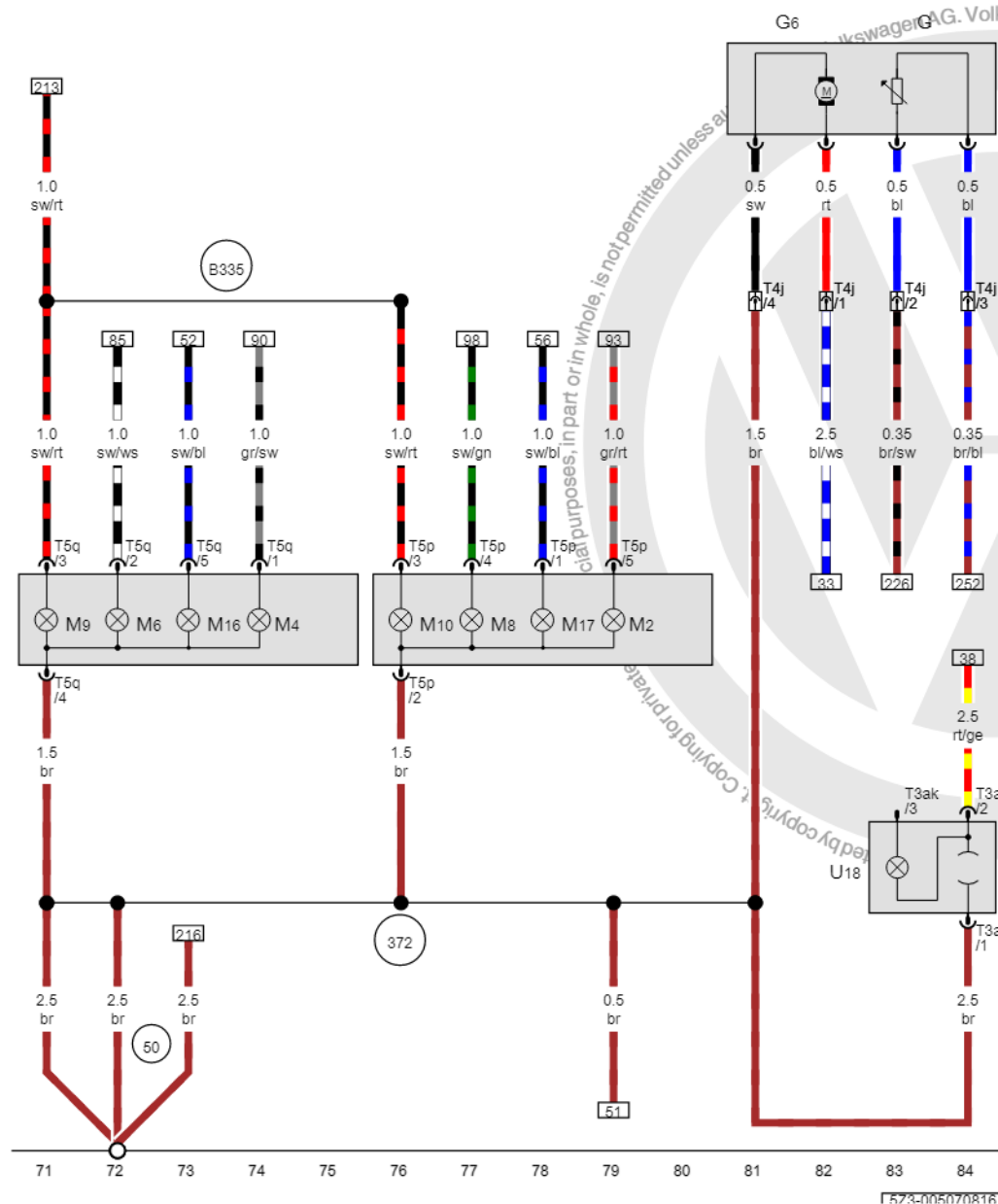
- J12 Headlight main beam relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- SB27 Fuse 27 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- T2de 2-pin connector
- T9c 9-pin connector
- T10i 10-pin connector
- T16a 16-pin connector
- V7 Radiator fan

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- 671 Earth point 1, on front of left longitudinal member
- B320 Positive connection 6 (30a) in main wiring harness
- B643 Connection 2 (56a), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Diagnostic connection

- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuel system pressurisation pump, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, 12 V socket 2

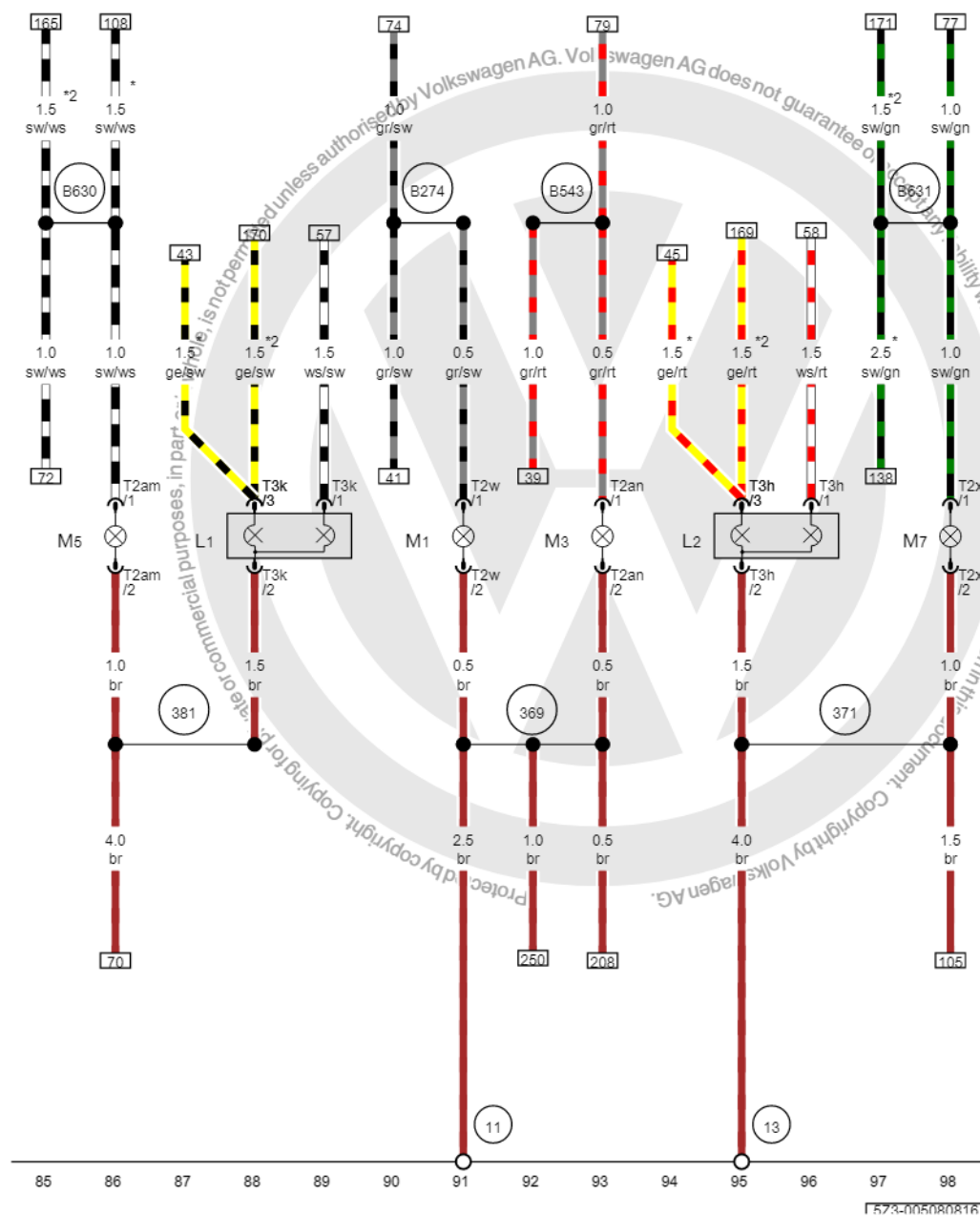


- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- M2 Right tail light bulb
- M4 Left tail light bulb
- M8 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T3ak 3-pin connector
- T4j 4-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- U18 12 V socket 2

- 50 Earth point, on left in luggage compartment
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Left headlight twin filament bulb, Right headlight twin filament bulb



- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- T2am 2-pin connector
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

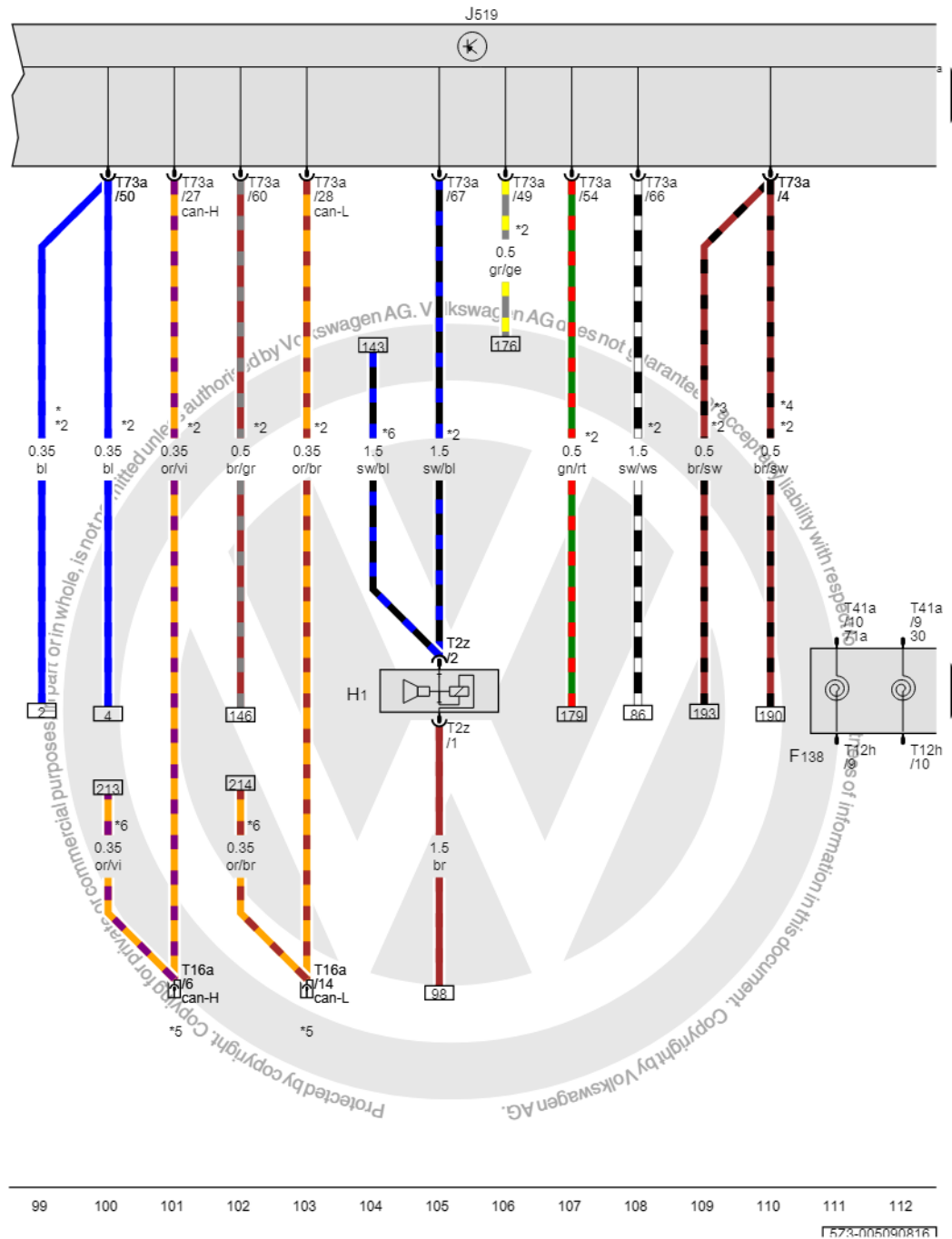
- 11 Earth point, in battery box
- 13 Earth point, on right in engine compartment
- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

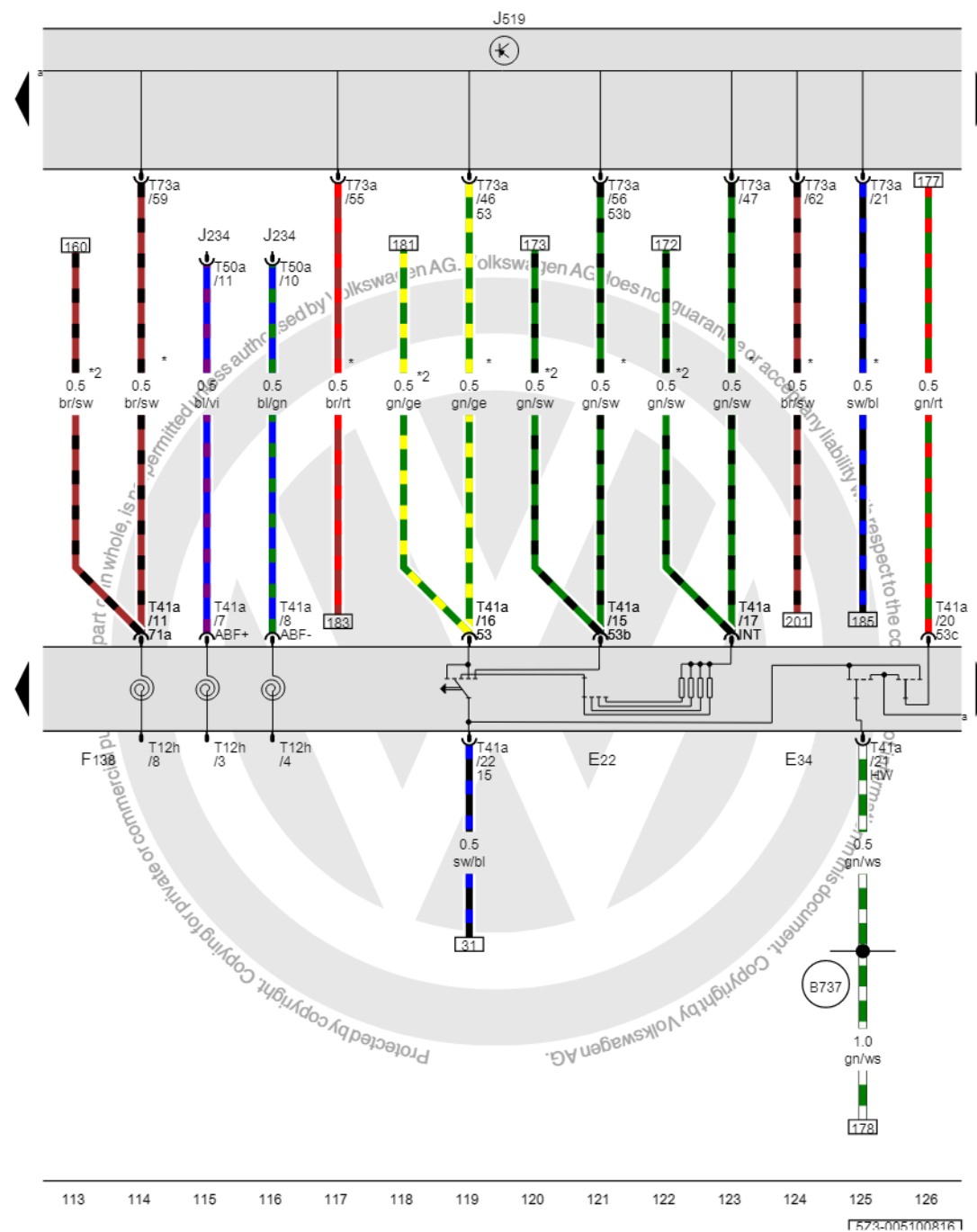
- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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Airbag coil connector and return ring with slip ring, Horn or dual tone horn, Onboard supply control unit

- F138 Airbag coil connector and return ring with slip ring
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- T2z 2-pin connector
- T16a 16-pin connector
- T73a 73-pin connector
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with no rear reading lights
- \*4 Only models with rear reading lights
- \*5 Diagnostic connection
- \*6 Only models with onboard supply control unit BCM







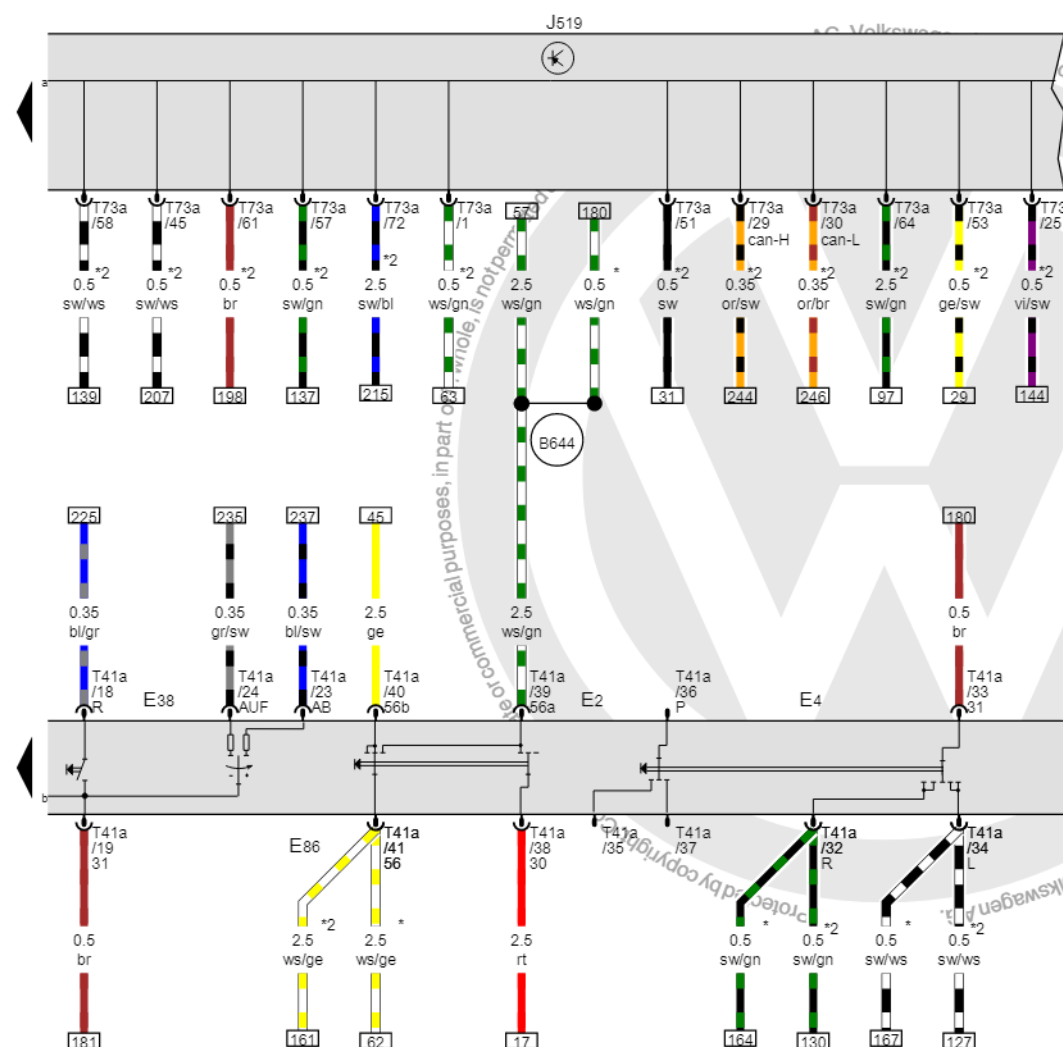
# Intermittent wiper switch, Rear wiper switch, Onboard supply control unit

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J519 Onboard supply control unit
- T41a 41-pin connector
- T50a 50-pin connector
- T73a 73-pin connector

B737 Connection 2 (53c), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

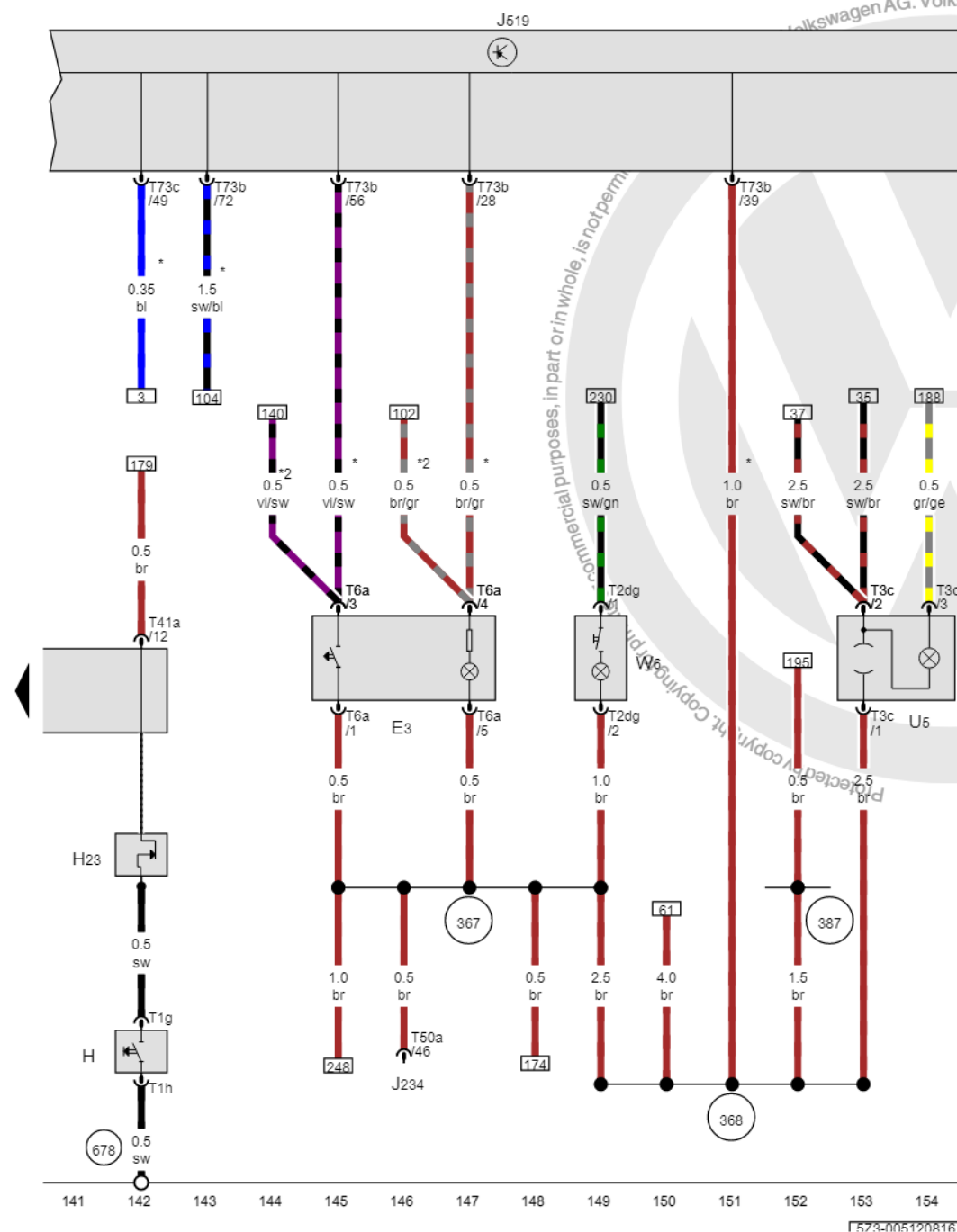




Turn signal switch, Headlight dipper and flasher switch, Intermittent wiper regulator, Multifunction display call-up button, Onboard supply control unit

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- J519 Onboard supply control unit
- T41a 41-pin connector
- T73a 73-pin connector
- B644 Connection 3 (56a), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



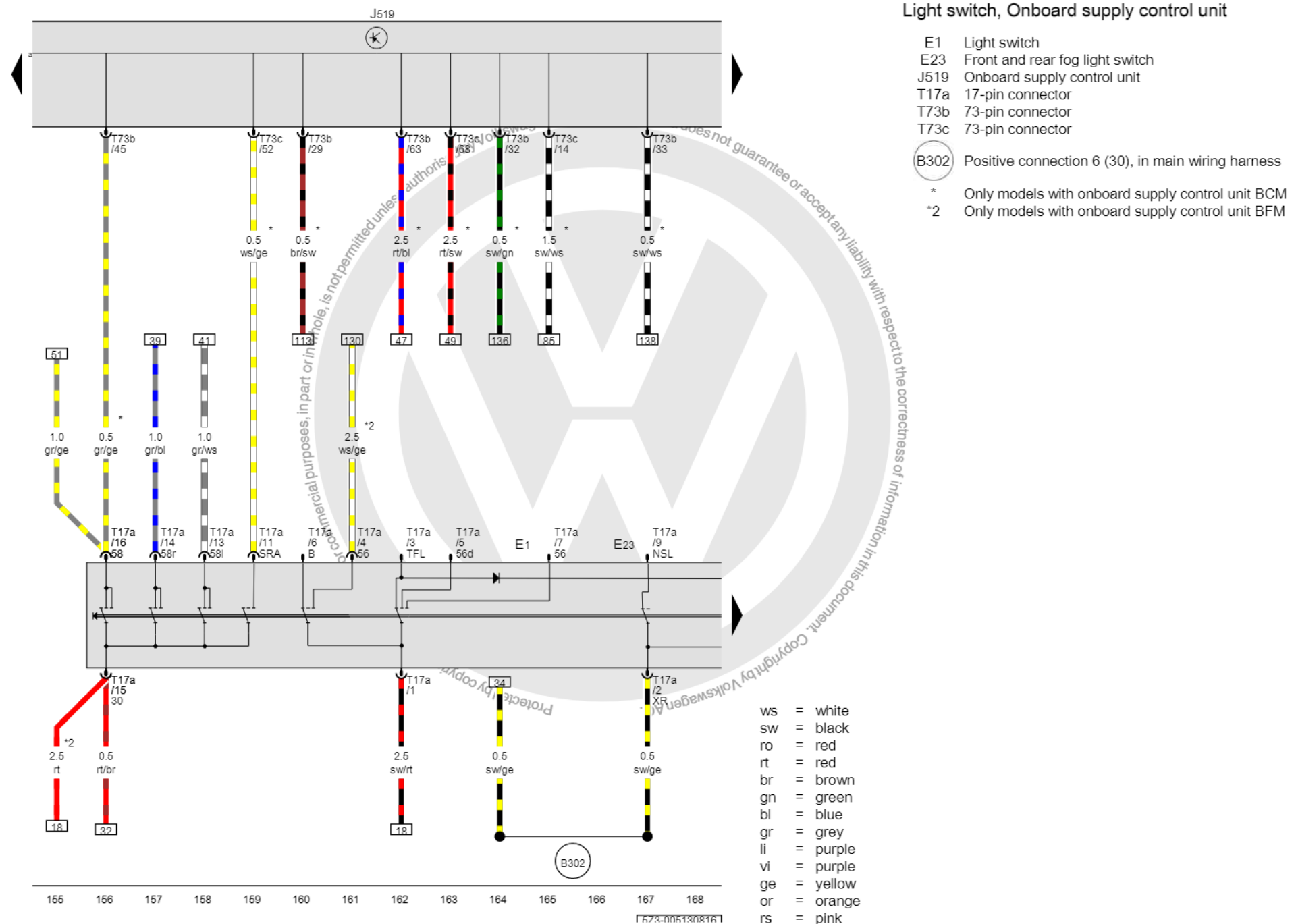
Hazard warning light switch, Horn plate, Horn activation contact ring, Onboard supply control unit, 12 V socket, Glove compartment light

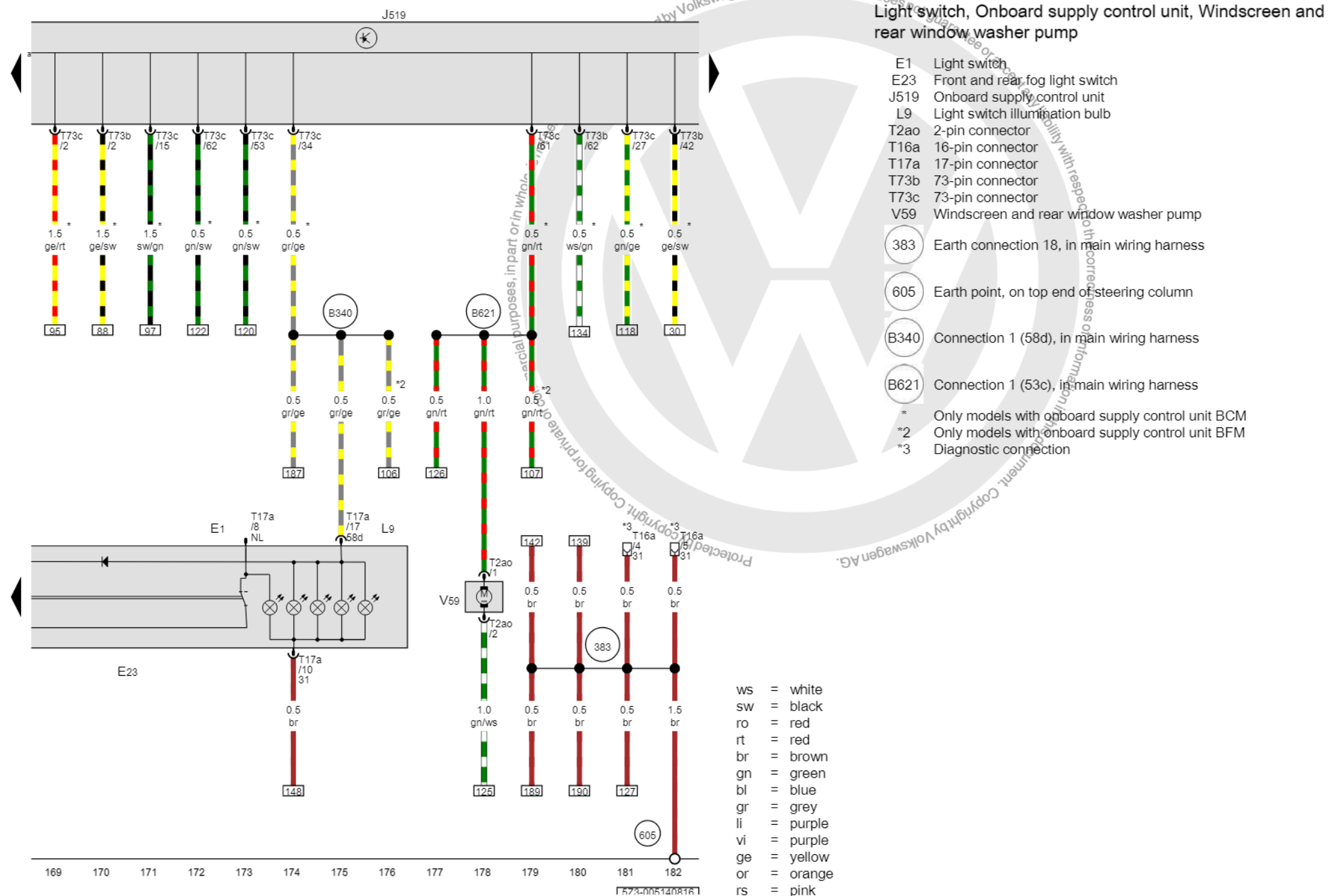
- E3 Hazard warning light switch
- H Horn plate
- H23 Horn activation contact ring
- J234 Airbag control unit
- J519 Onboard supply control unit
- T1g Single connector
- T1h Single connector
- T2dg 2-pin connector
- T3c 3-pin connector
- T6a 6-pin connector
- T41a 41-pin connector
- T50a 50-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- U5 12 V socket
- W6 Glove compartment light

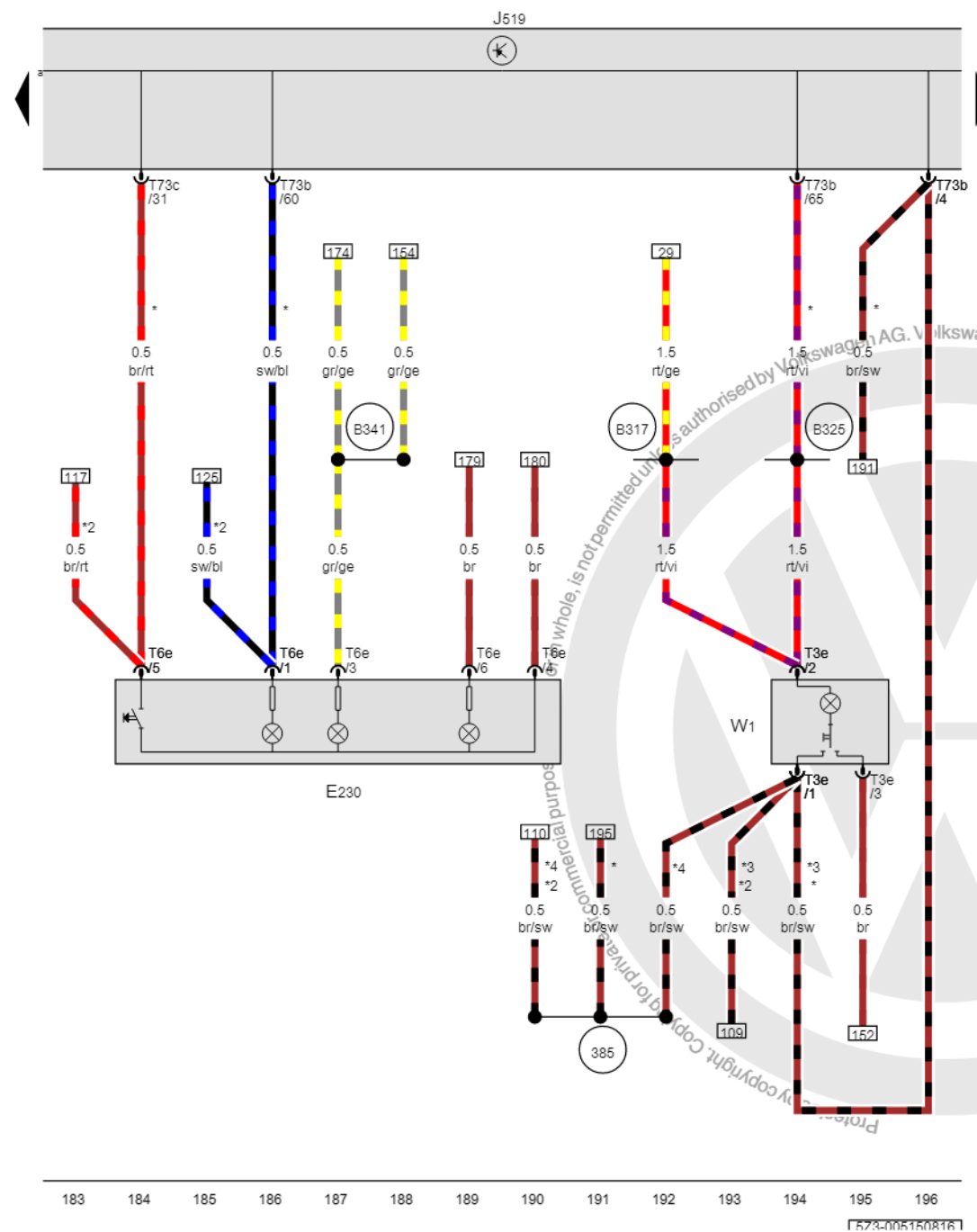
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 678 Earth point, on steering wheel

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink







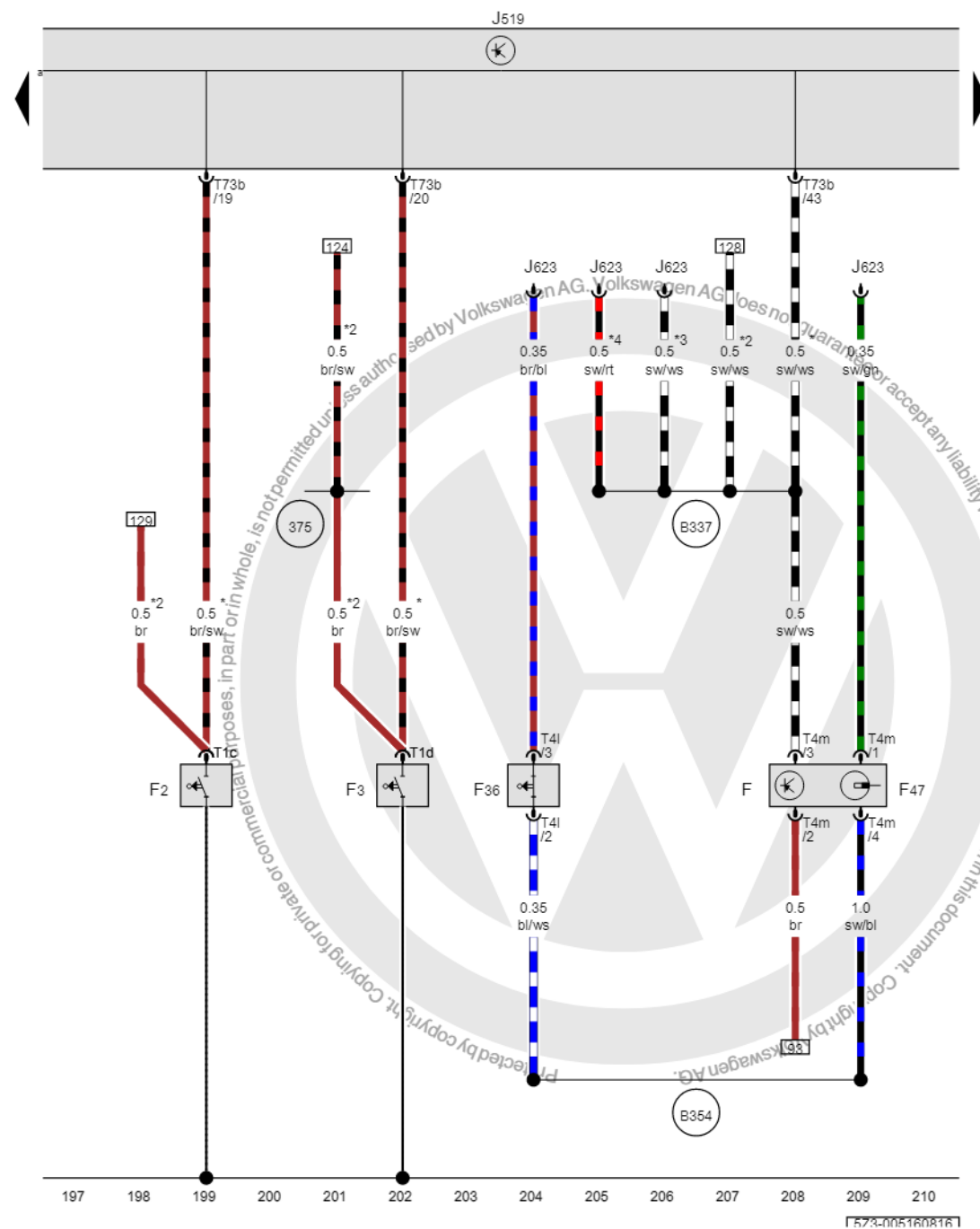
Heated rear window button, Onboard supply control unit, Front interior light

- E230 Heated rear window button
- J519 Onboard supply control unit
- T3e 3-pin connector
- T6e 6-pin connector
- T73b 73-pin connector
- T73c 73-pin connector
- W1 Front interior light

- (385) Earth connection 20, in main wiring harness
- (B317) Positive connection 3 (30a) in main wiring harness
- (B325) Positive connection 11 (30a) in main wiring harness
- (B341) Connection 2 (58d), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with no rear reading lights
- \*4 Only models with rear reading lights

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- lf = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake light switch, Driver door contact switch, Front passenger door contact switch, Clutch pedal switch, Brake pedal switch, Onboard supply control unit

- F Brake light switch
- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F36 Clutch pedal switch
- F47 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- T1c Single connector
- T1d Single connector
- T4l 4-pin connector
- T4m 4-pin connector
- T73b 73-pin connector

375 Earth connection 10, in main wiring harness

B337 Connection 3 (54), in main wiring harness

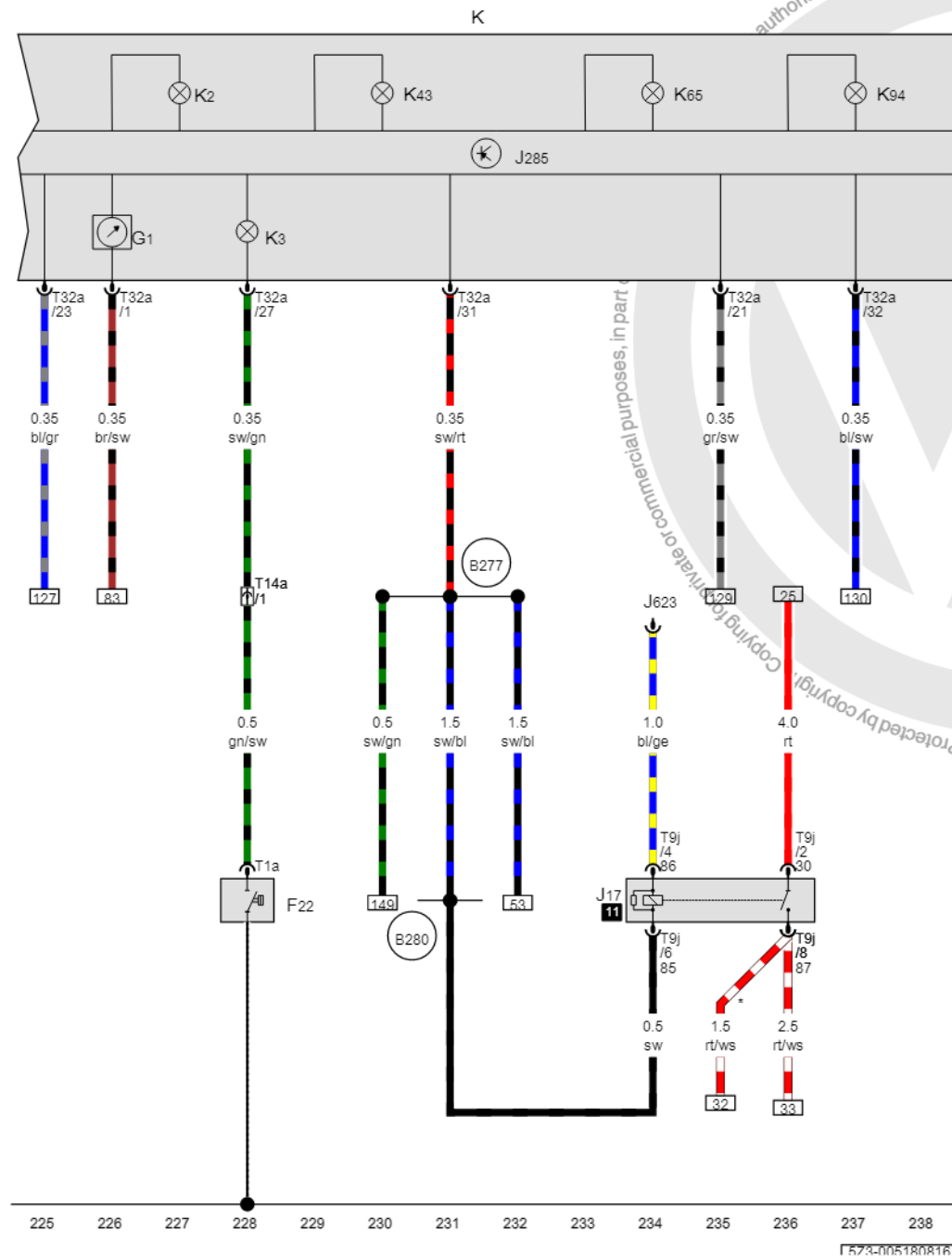
B354 Positive connection 5 (87a) in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with 1.6l engine
- \*4 Only models with 1.0l Total Flex engine

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink







Oil pressure switch, Fuel gauge, Fuel pump relay, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Oil pressure warning lamp, Coolant temperature warning lamp (too cold), Left turn signal warning lamp, Right turn signal warning lamp

- F22 Oil pressure switch
- G1 Fuel gauge
- J17 Fuel pump relay
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- T1a Single connector
- T9j 9-pin connector
- T14a 14-pin connector, in engine compartment
- T32a 32-pin connector

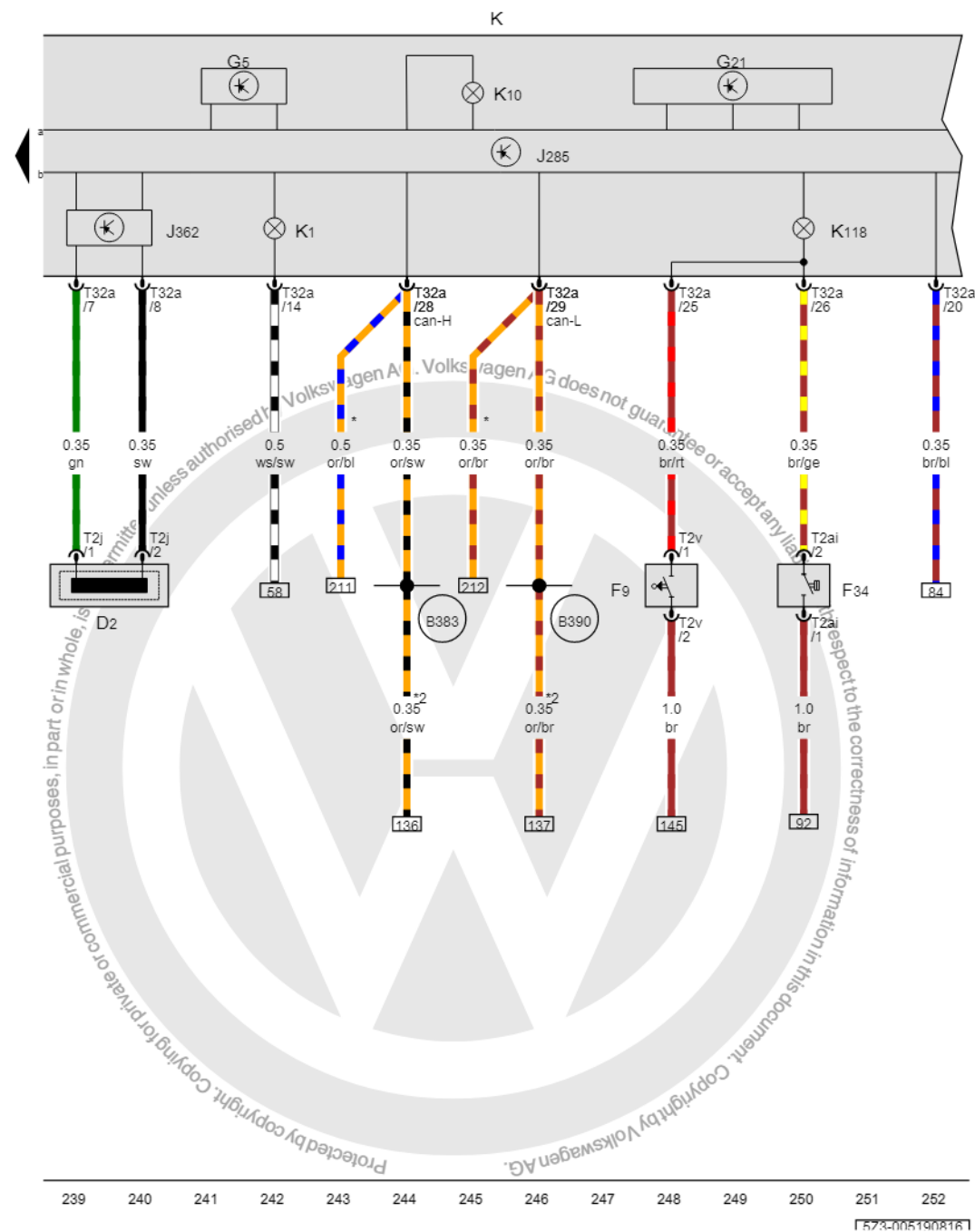
B277 Positive connection 1 (15a) in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

\* Only models with BlueMotion equipment

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- ge = yellow
- or = orange
- rs = pink





Immobiliser reader coil, Handbrake warning switch, Brake fluid level warning contact, Rev. counter, Speedometer, Control unit in dash panel insert, Immobiliser control unit, Dash panel insert, Main beam warning lamp, Heated rear window warning lamp, Brake system warning lamp

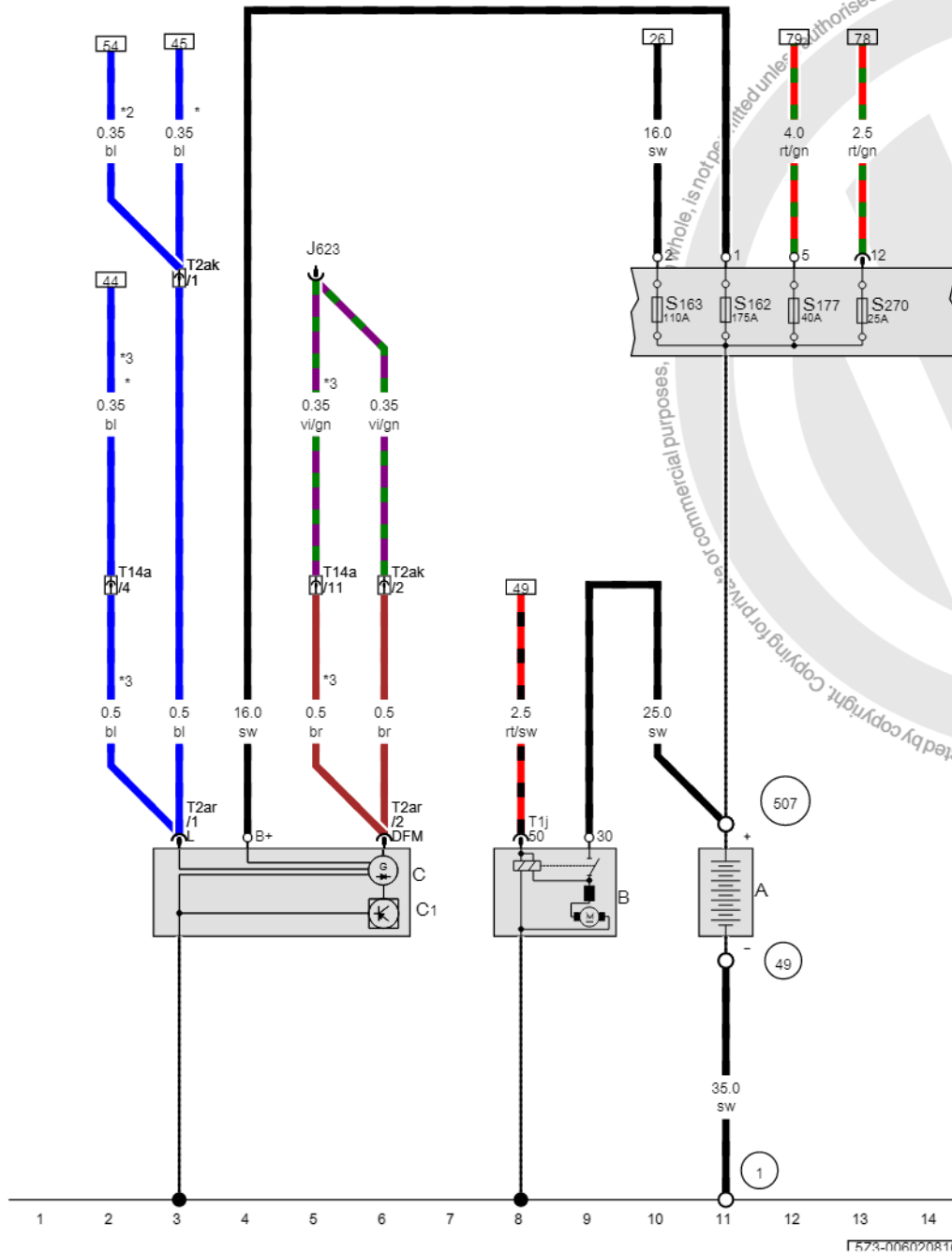
- D2 Immobiliser reader coil
- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J362 Immobiliser control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K10 Heated rear window warning lamp
- K118 Brake system warning lamp
- T2ai 2-pin connector
- T2j 2-pin connector
- T2v 2-pin connector
- T32a 32-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

## Anti-lock brake system (ABS)

From April 2013



Battery, Starter, Alternator, Voltage regulator



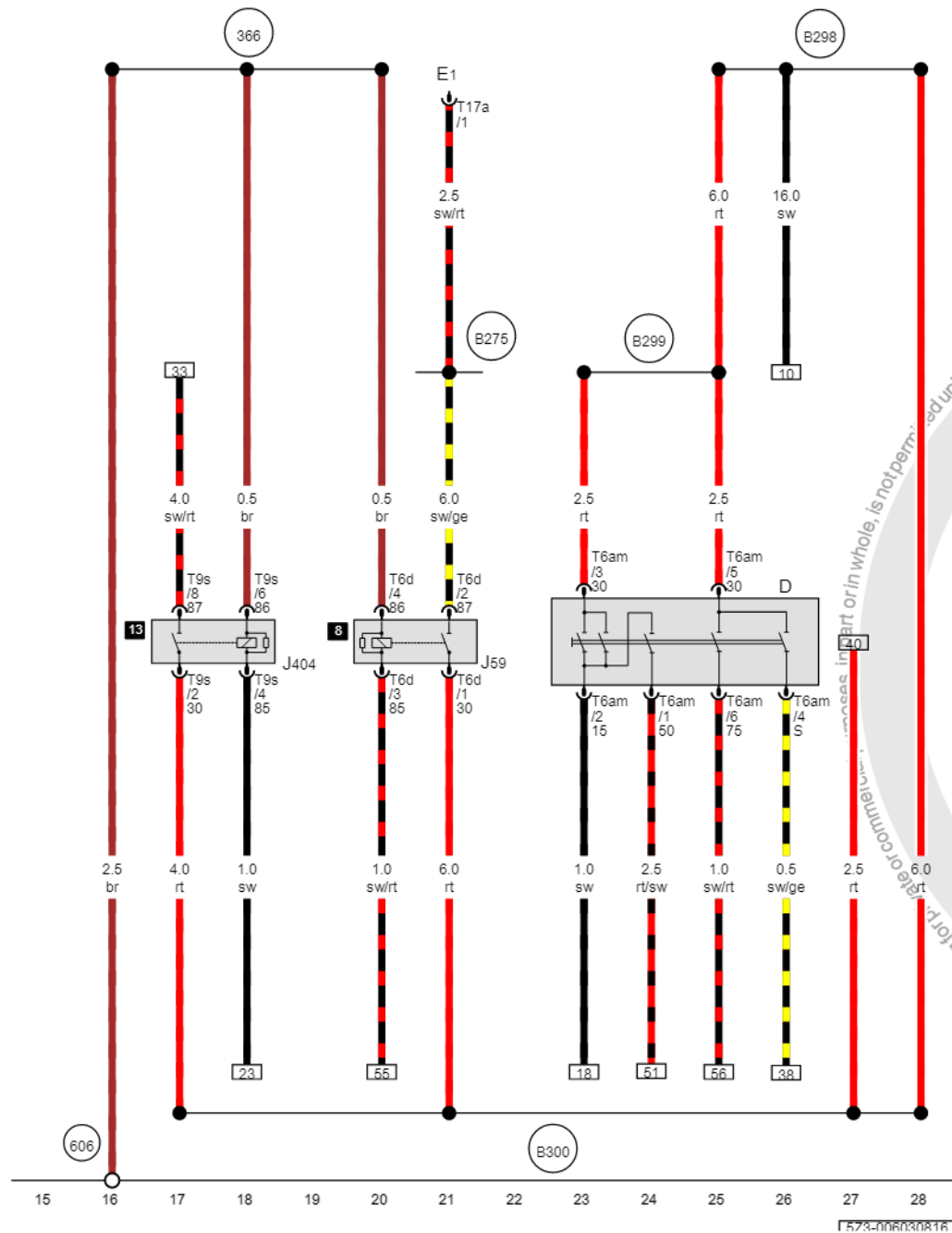
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S177 Fuse 5 (30), in battery fuse holder
- S270 Fuse 12 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- 1 Earth strap, battery body
- 49 Earth point, near .... near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with BlueMotion equipment

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness

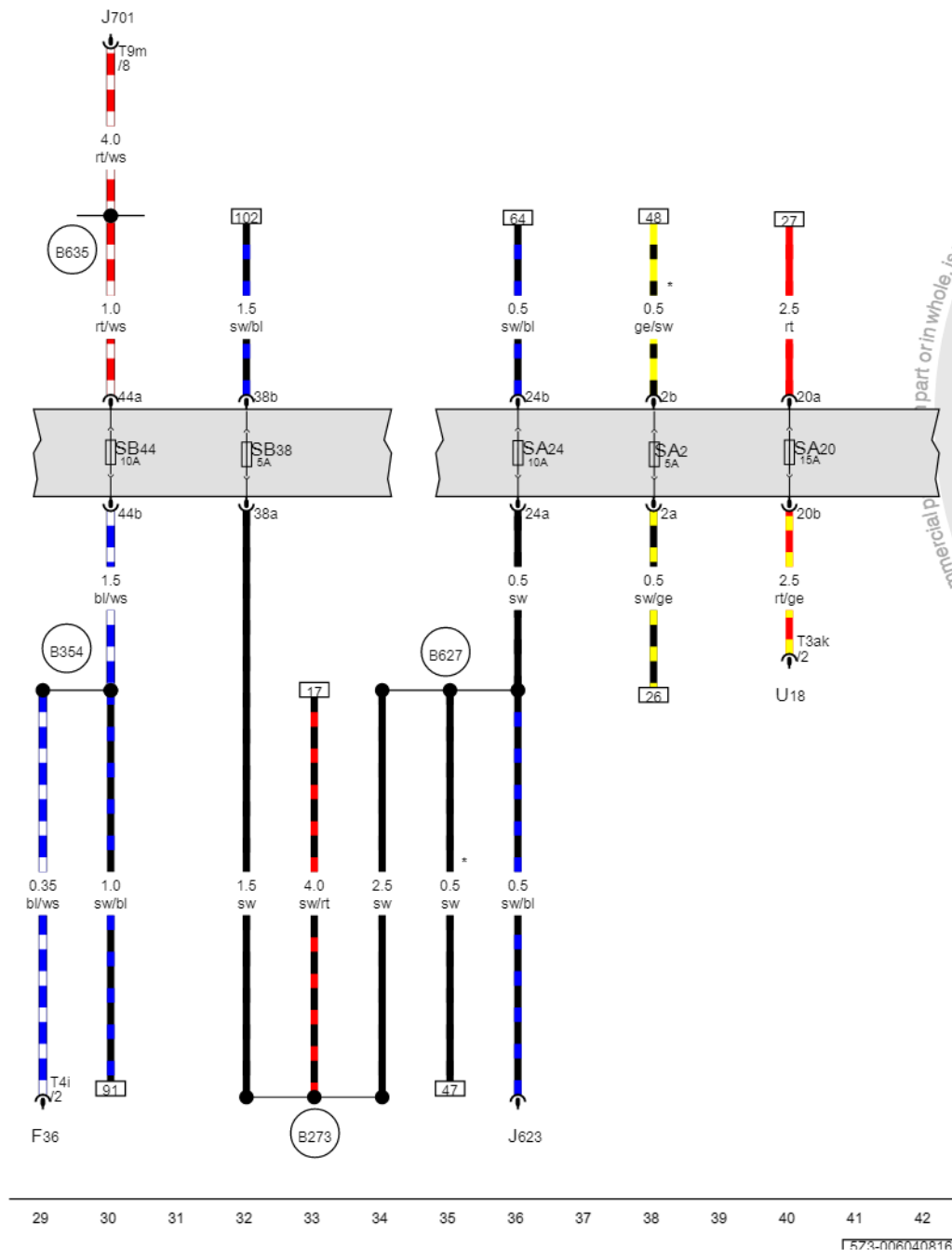


- ws = white
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- gr = grey
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Fuse 2 in fuse holder A, Fuse 20 in fuse holder A, Fuse 24 in fuse holder A, Fuse 38 on fuse holder B, Fuse 44 on fuse holder B

- F36 Clutch pedal switch
- J623 Engine control unit
- J701 Voltage supply relay 1
- SA2 Fuse 2 in fuse holder A
- SA20 Fuse 20 in fuse holder A
- SA24 Fuse 24 in fuse holder A
- SB38 Fuse 38 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- T3ak 3-pin connector
- T4i 4-pin connector
- T9m 9-pin connector
- U18 12 V socket 2

- B273 Positive connection (15), in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- B635 Positive connection 3 (87), in main wiring harness
- \* Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
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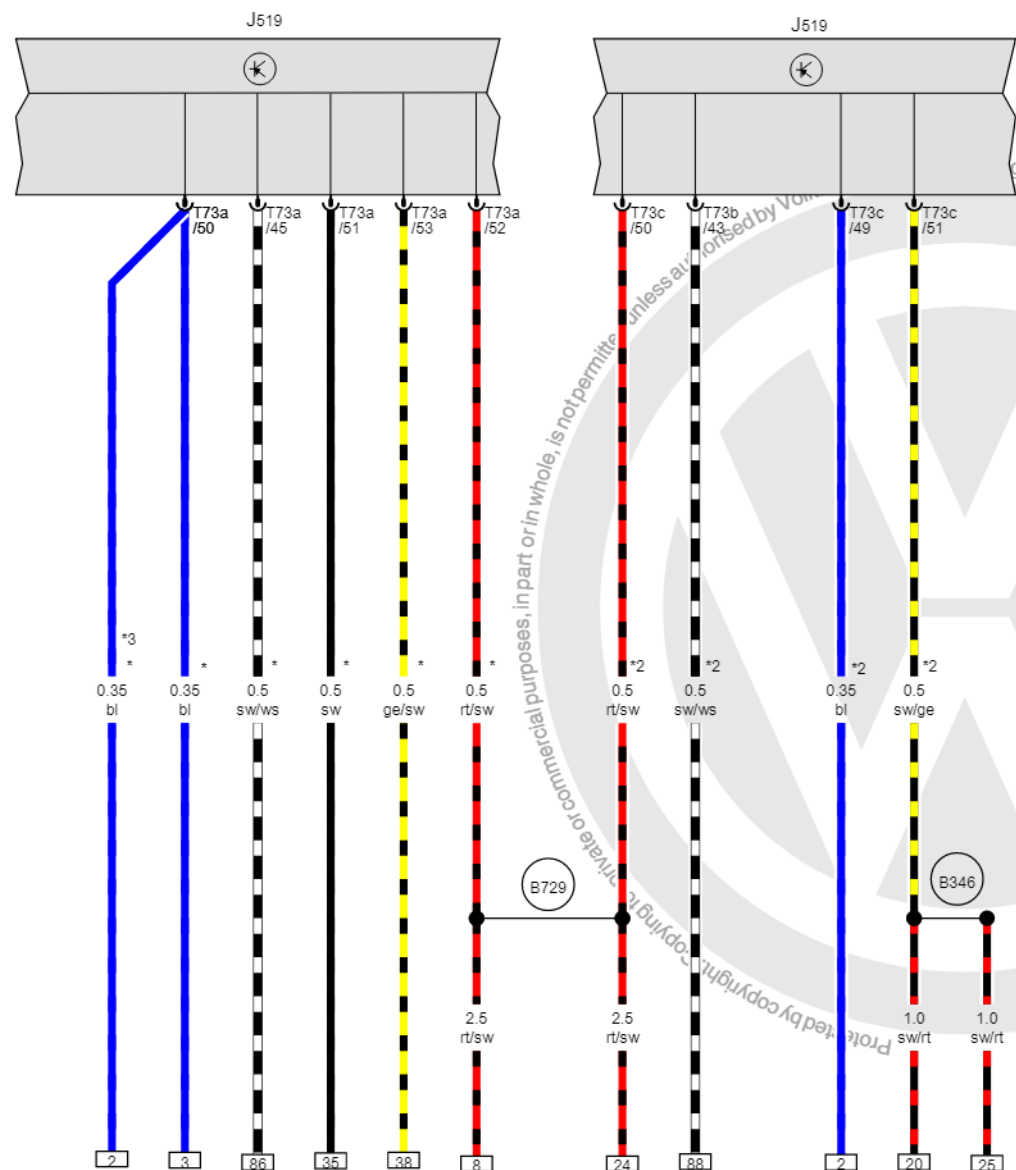
Onboard supply control unit

J519 Onboard supply control unit  
T73a 73-pin connector  
T73b 73-pin connector  
T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

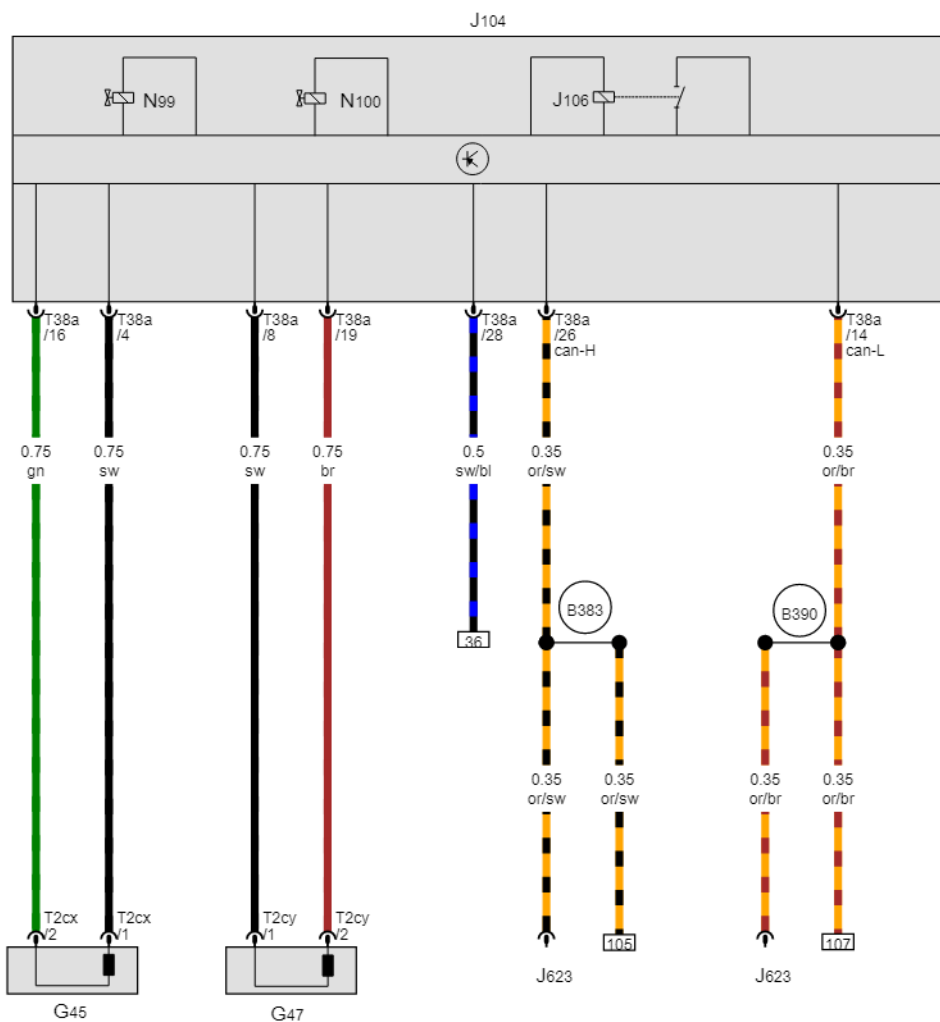
B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BFM  
\*2 Only models with onboard supply control unit BCM  
\*3 Only models with BlueMotion equipment



ws = white  
sw = black  
ro = red  
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gn = green  
bl = blue  
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vi = purple  
ge = yellow  
or = orange  
rs = pink

Front right speed sensor, Front left speed sensor, ABS control unit, ABS solenoid valve relay, Front right ABS inlet valve, Front right ABS outlet valve

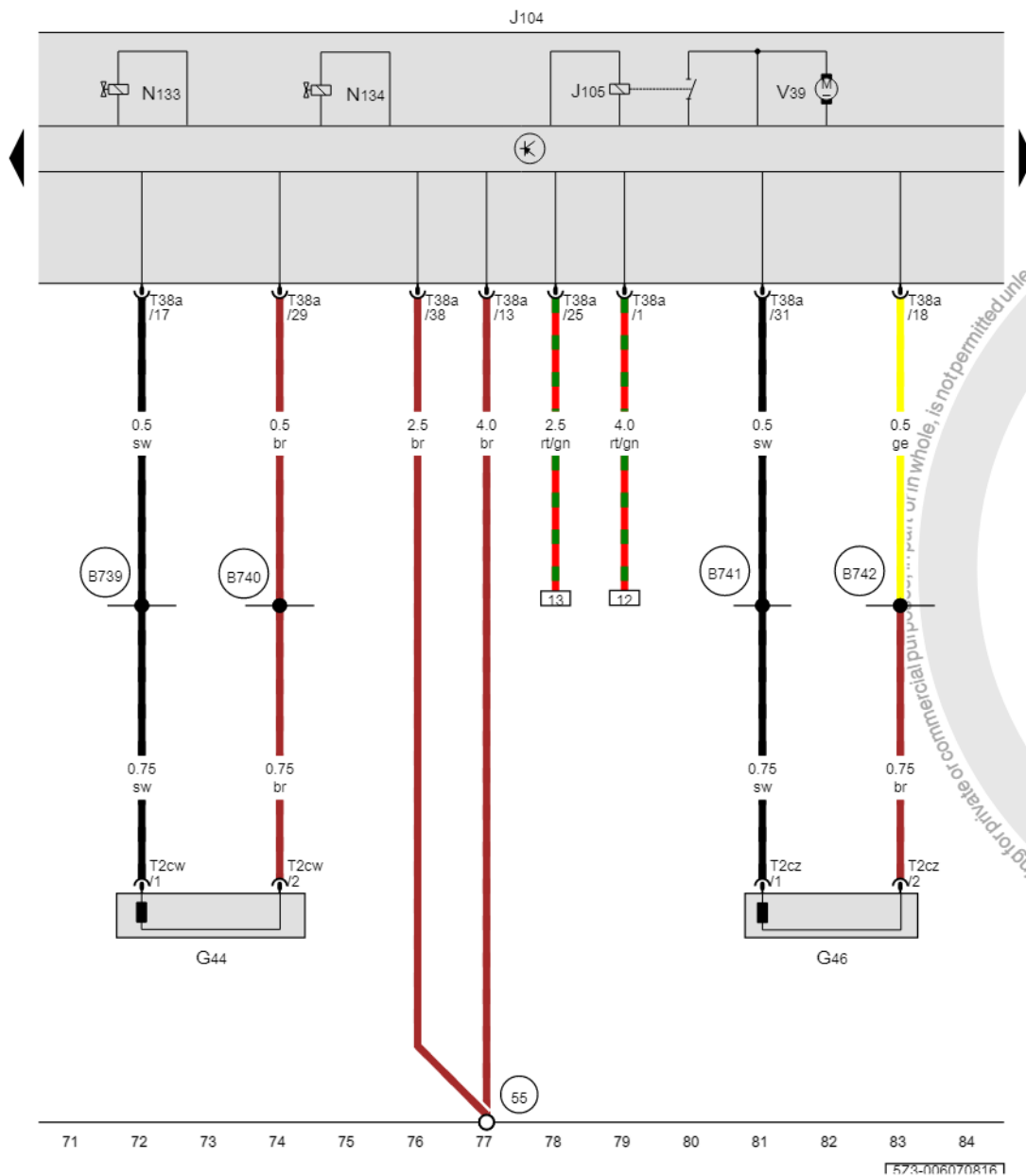


- G45 Front right speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- J106 ABS solenoid valve relay
- J623 Engine control unit
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2cx 2-pin connector
- T2cy 2-pin connector
- T38a 38-pin connector

- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rear right speed sensor, Rear left speed sensor, ABS control unit, ABS return flow pump relay, Rear right ABS inlet valve, Rear left ABS inlet valve, ABS return flow pump



- G44 Rear right speed sensor
- G46 Rear left speed sensor
- J104 ABS control unit
- J105 ABS return flow pump relay
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T2cw 2-pin connector
- T2cz 2-pin connector
- T38a 38-pin connector
- V39 ABS return flow pump

- 55 Earth point, next to ABS control unit
- B739 Connection (rear right speed sensor +), in main wiring harness
- B740 Connection (rear right speed sensor -), in main wiring harness
- B741 Connection (rear left speed sensor +), in main wiring harness
- B742 Connection (rear left speed sensor -), in main wiring harness

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

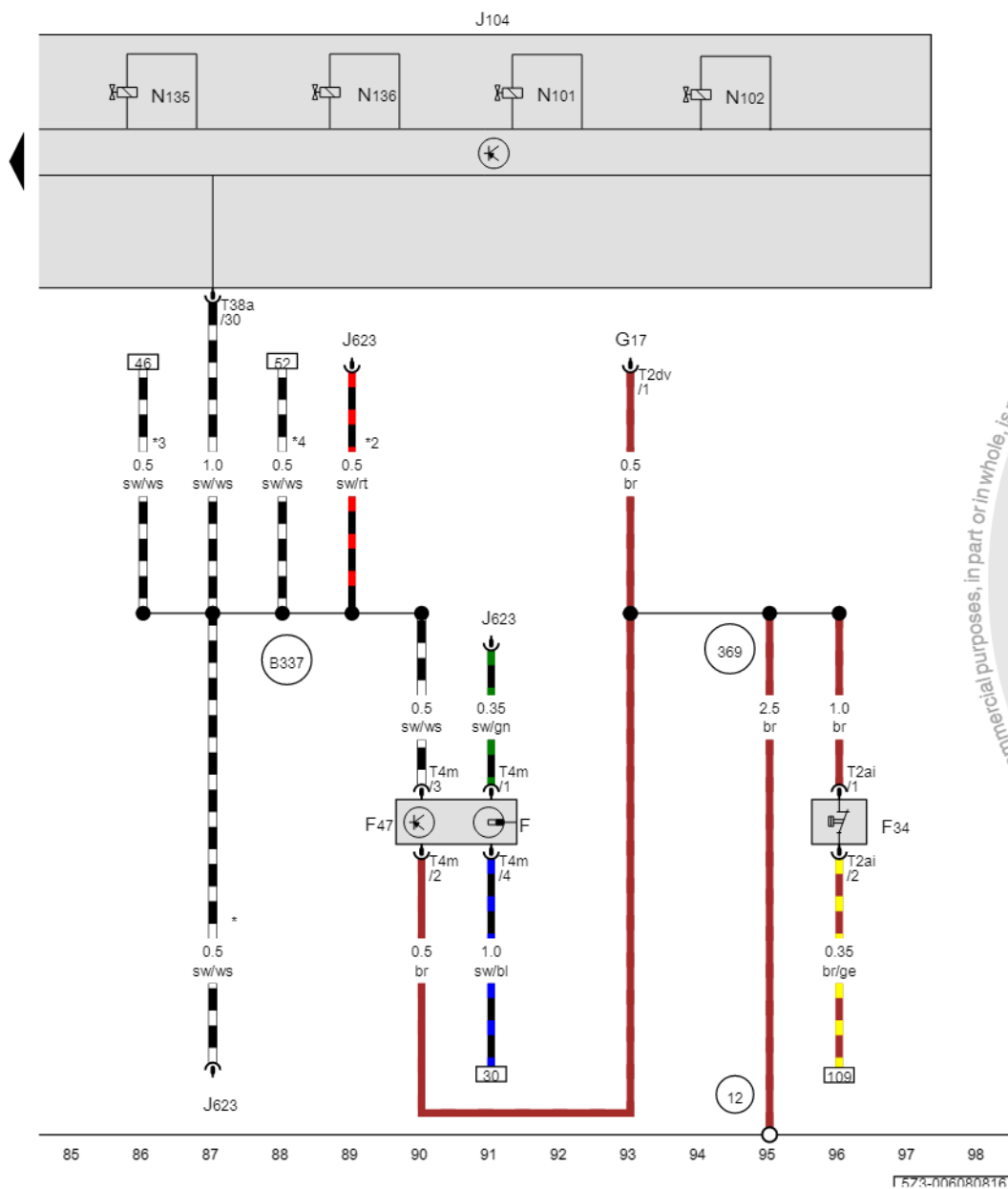


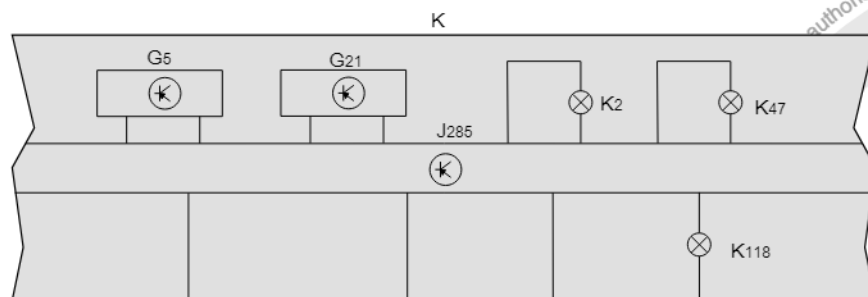
Brake light switch, Brake fluid level warning contact, Brake pedal switch, ABS control unit, Front left ABS inlet valve, Front left ABS outlet valve, Rear right ABS outlet valve, Rear left ABS outlet valve

- F Brake light switch
- F34 Brake fluid level warning contact
- F47 Brake pedal switch
- G17 Ambient temperature sensor
- J104 ABS control unit
- J623 Engine control unit
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T2ai 2-pin connector
- T2dv 2-pin connector
- T4m 4-pin connector
- T38a 38-pin connector

- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- \* Only models with 1.6l engine
- \*2 Only models with 1.0l Total Flex engine
- \*3 Only models with onboard supply control unit BFM
- \*4 Only models with onboard supply control unit BCM

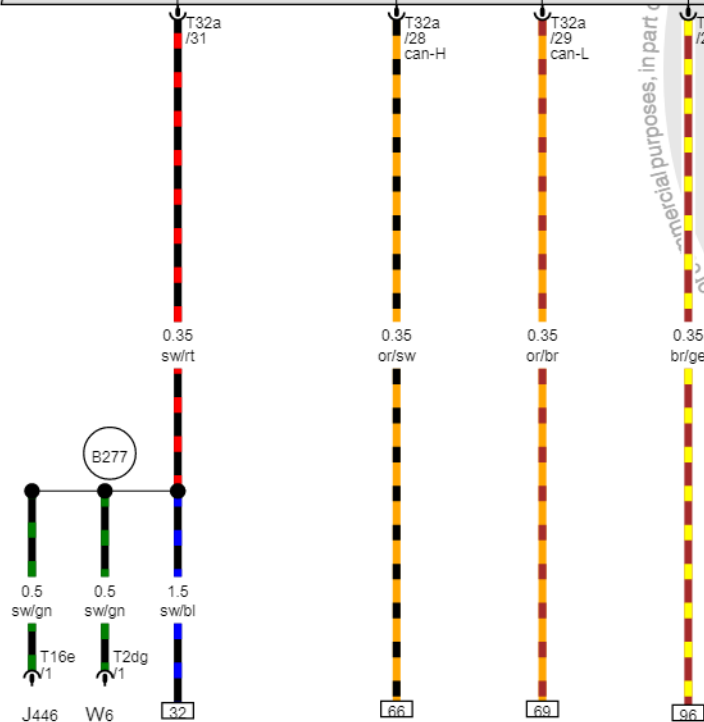
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, ABS warning lamp, Brake system warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K47 ABS warning lamp
- K118 Brake system warning lamp
- T2dg 2-pin connector
- T16e 16-pin connector
- T32a 32-pin connector
- W6 Glove compartment light
- B277 Positive connection 1 (15a) in main wiring harness



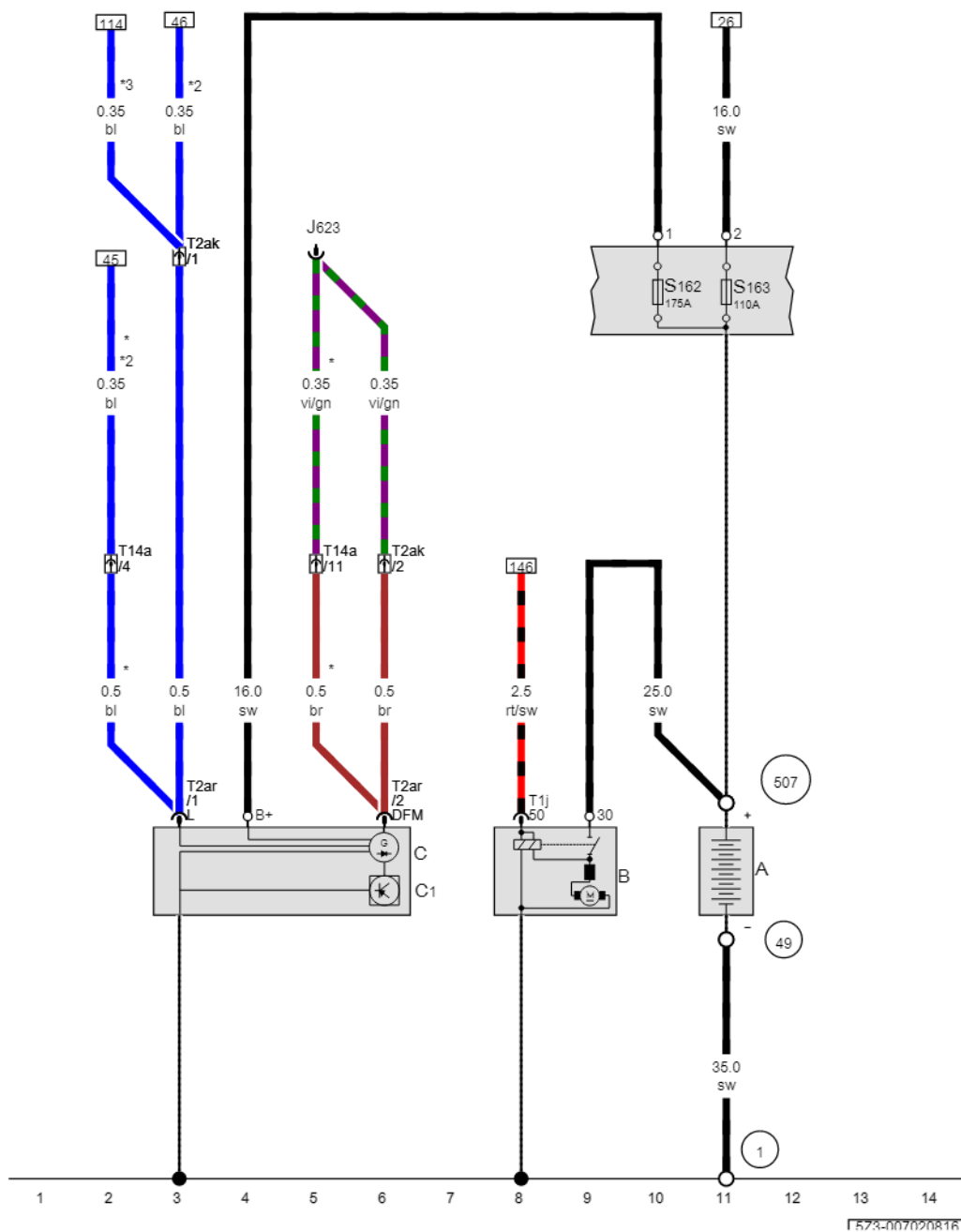
- ws = white
- sw = black
- ro = red
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- br = brown
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- bl = blue
- gr = grey
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- ge = yellow
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- rs = pink

## Fog light and rear fog light

From April 2013



Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment

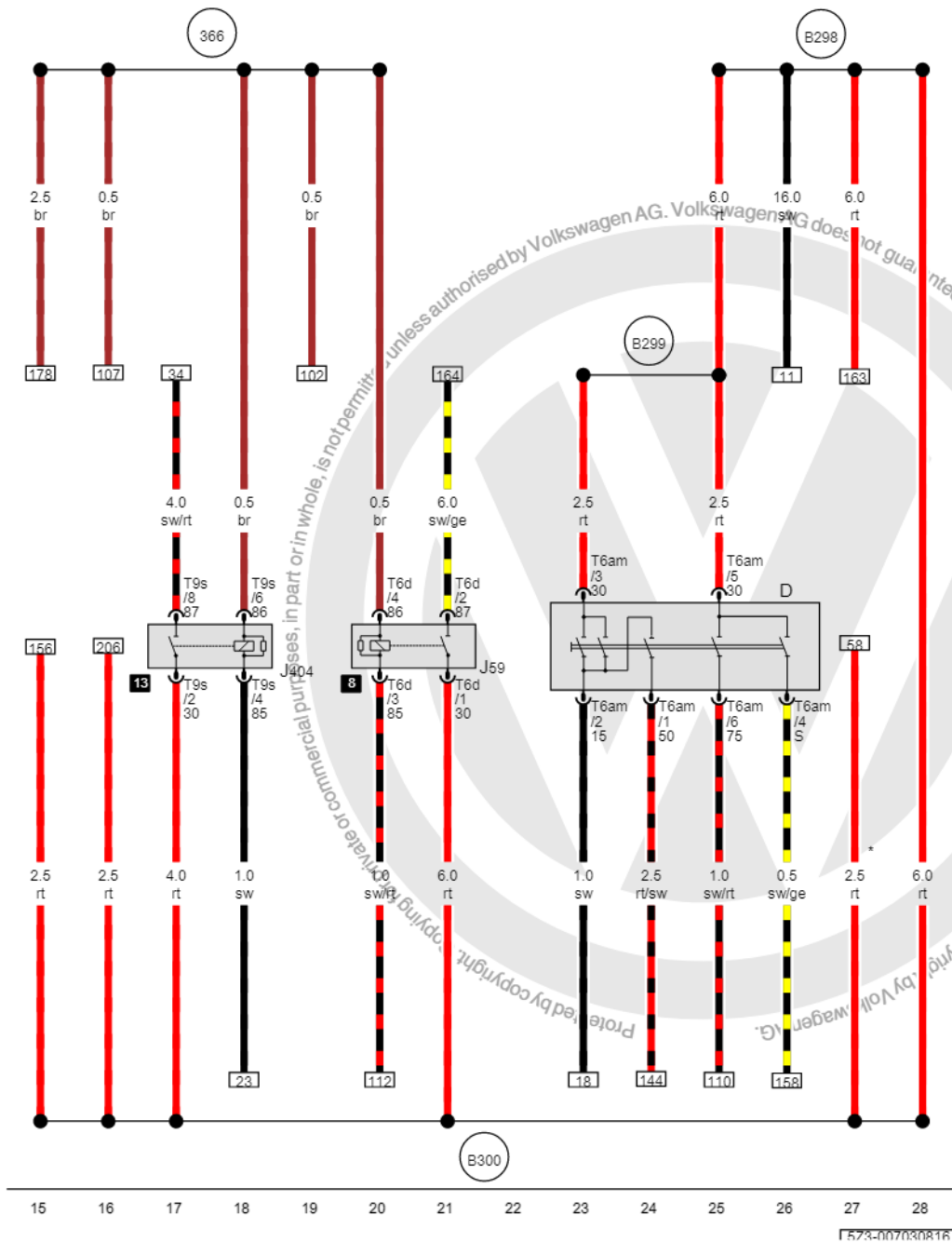
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- \* Only models with onboard supply control unit BFM



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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

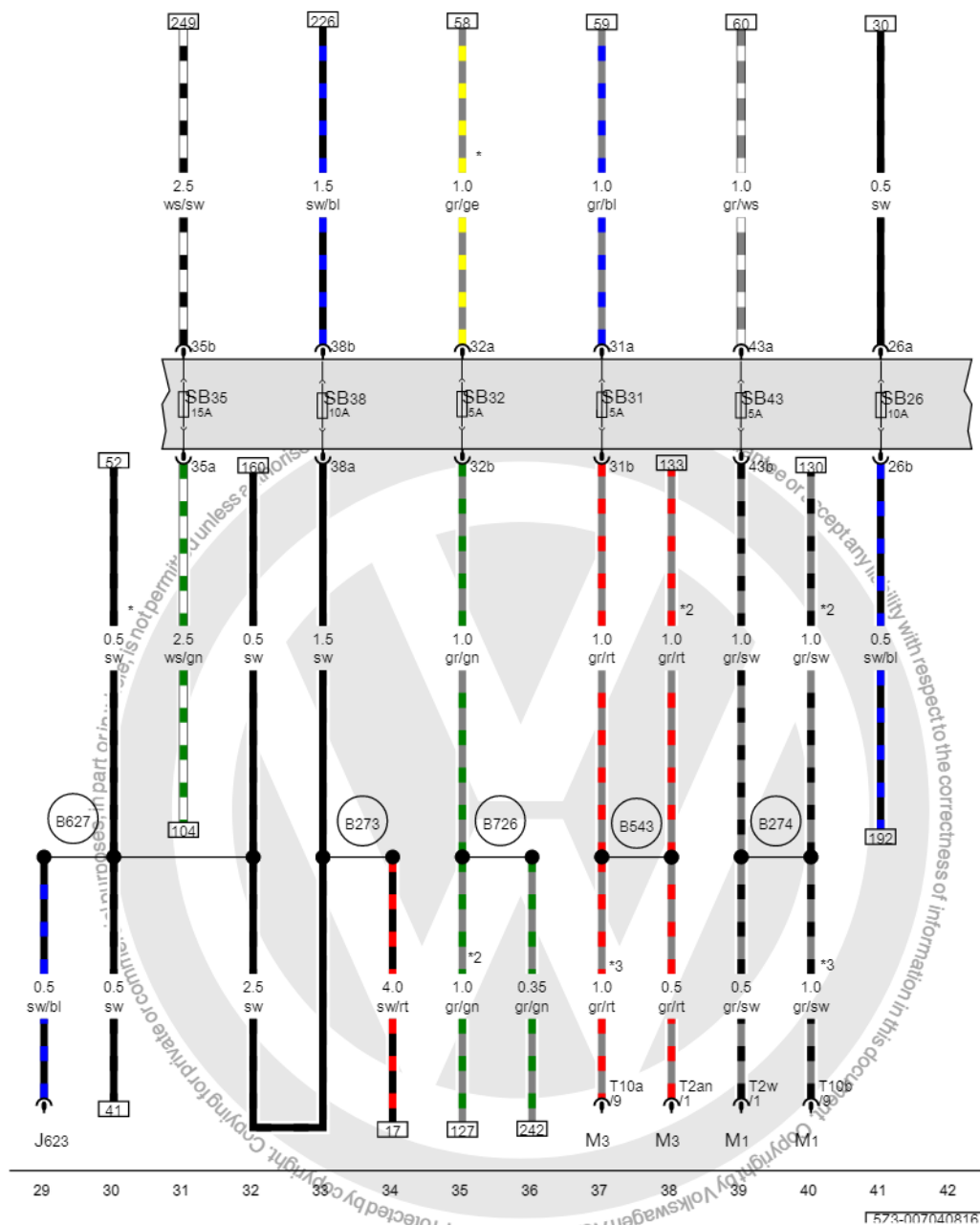
Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse 35 on fuse holder B, Fuse 38 on fuse holder B, Fuse 43 on fuse holder B

J623 Engine control unit  
M1 Left side light bulb  
M3 Right side light bulb  
SB26 Fuse 26 on fuse holder B  
SB31 Fuse 31 on fuse holder B  
SB32 Fuse 32 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
T2an 2-pin connector  
T2w 2-pin connector  
T10a 10-pin connector  
T10b 10-pin connector

B273 Positive connection (15), in main wiring harness  
B274 Positive connection (58L), in main wiring harness  
B543 Positive connection (58R), in main wiring harness  
B627 Positive connection 3 (15), in main wiring harness  
B726 Positive connection 2 (58), in main wiring harness

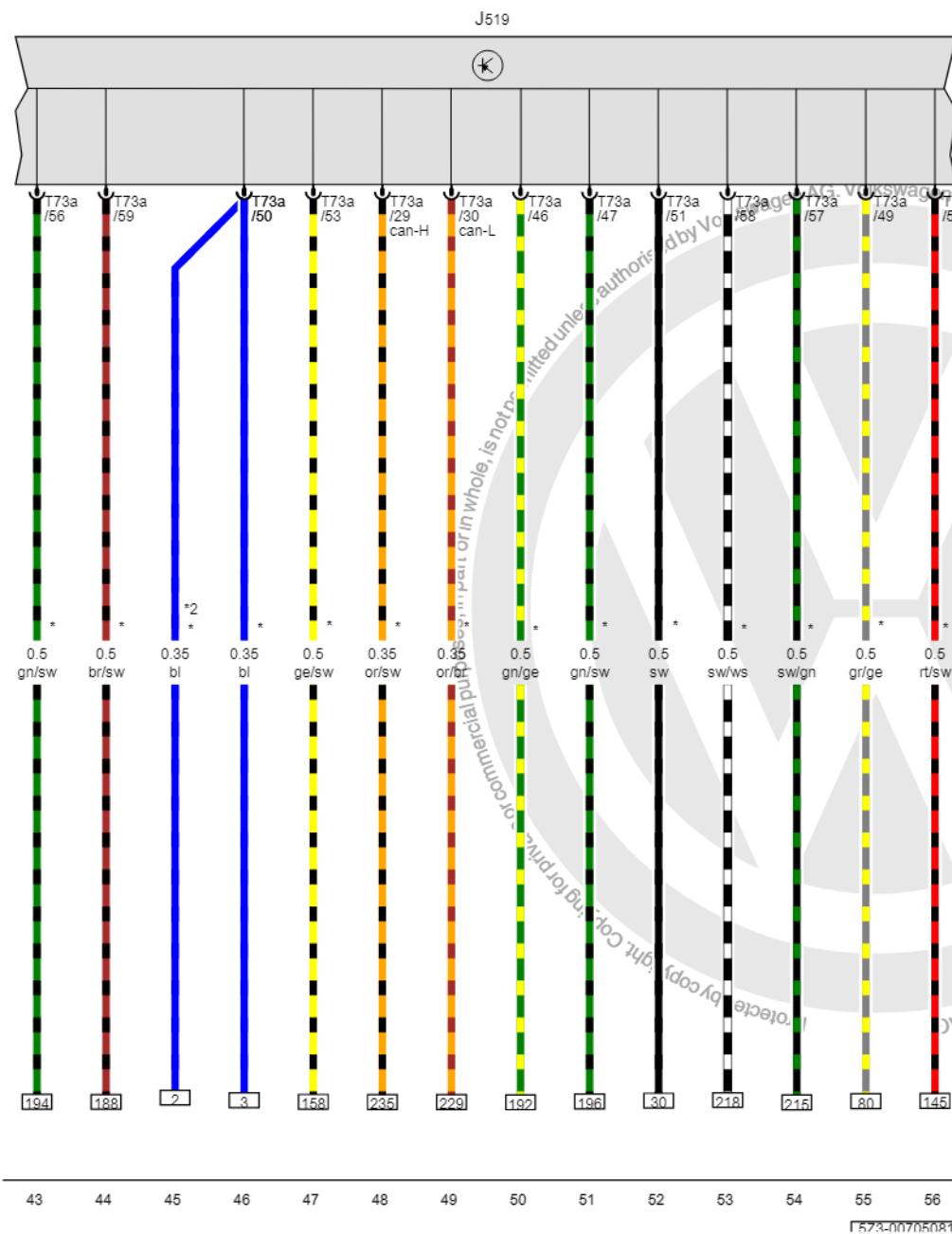
\* Only models with onboard supply control unit BFM  
\*2 Only models with onboard supply control unit BCM  
\*3 Only models with dual headlights

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
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bl = blue  
gr = grey  
li = purple  
vi = purple  
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or = orange  
rs = pink



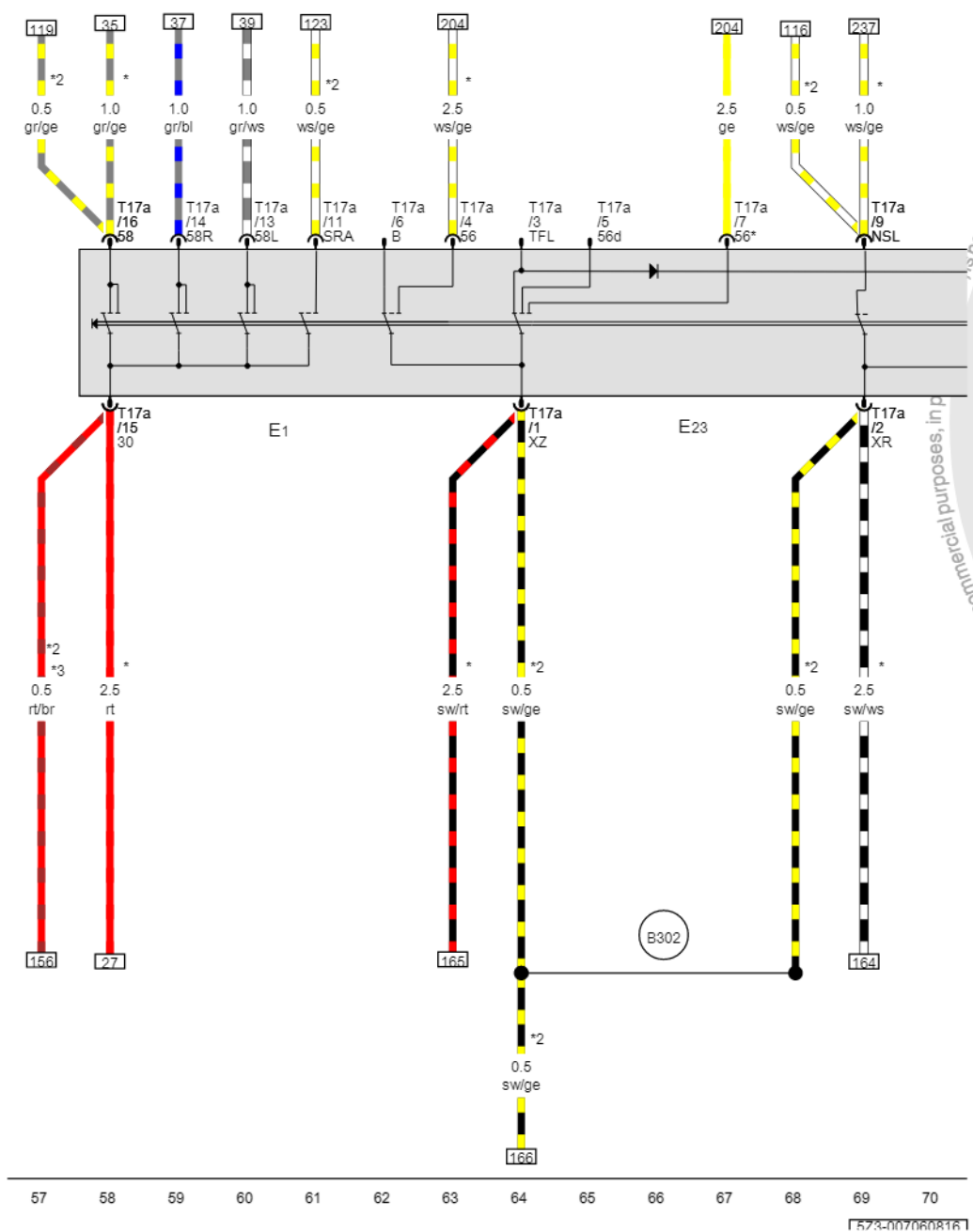
Onboard supply control unit

- J519 Onboard supply control unit  
T73a 73-pin connector  
\* Only models with onboard supply control unit BFM  
\*2 Only models with BlueMotion equipment



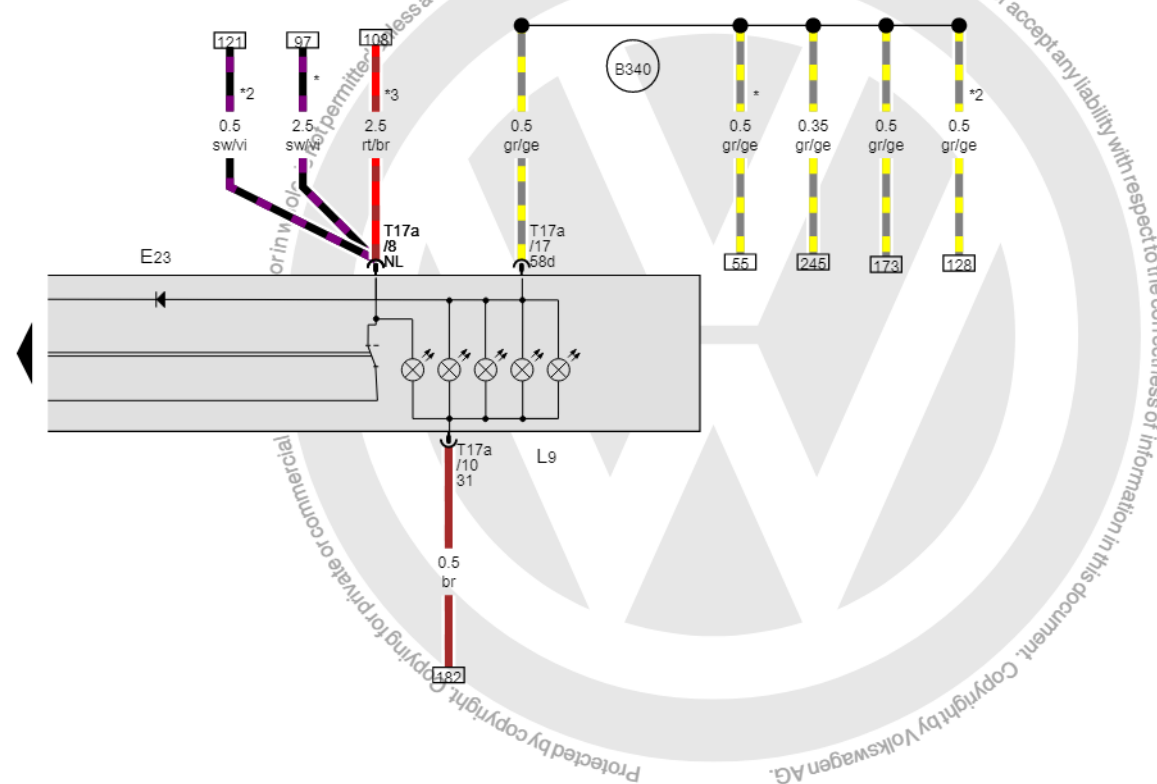
Light switch, Front and rear fog light switch

- E1 Light switch
- E23 Front and rear fog light switch
- T17a 17-pin connector
- B302 Positive connection 6 (30), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with no Coming Home function



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- or = orange
- rs = pink





Front and rear fog light switch, Light switch illumination bulb

E23 Front and rear fog light switch

L9 Light switch illumination bulb

T17a 17-pin connector

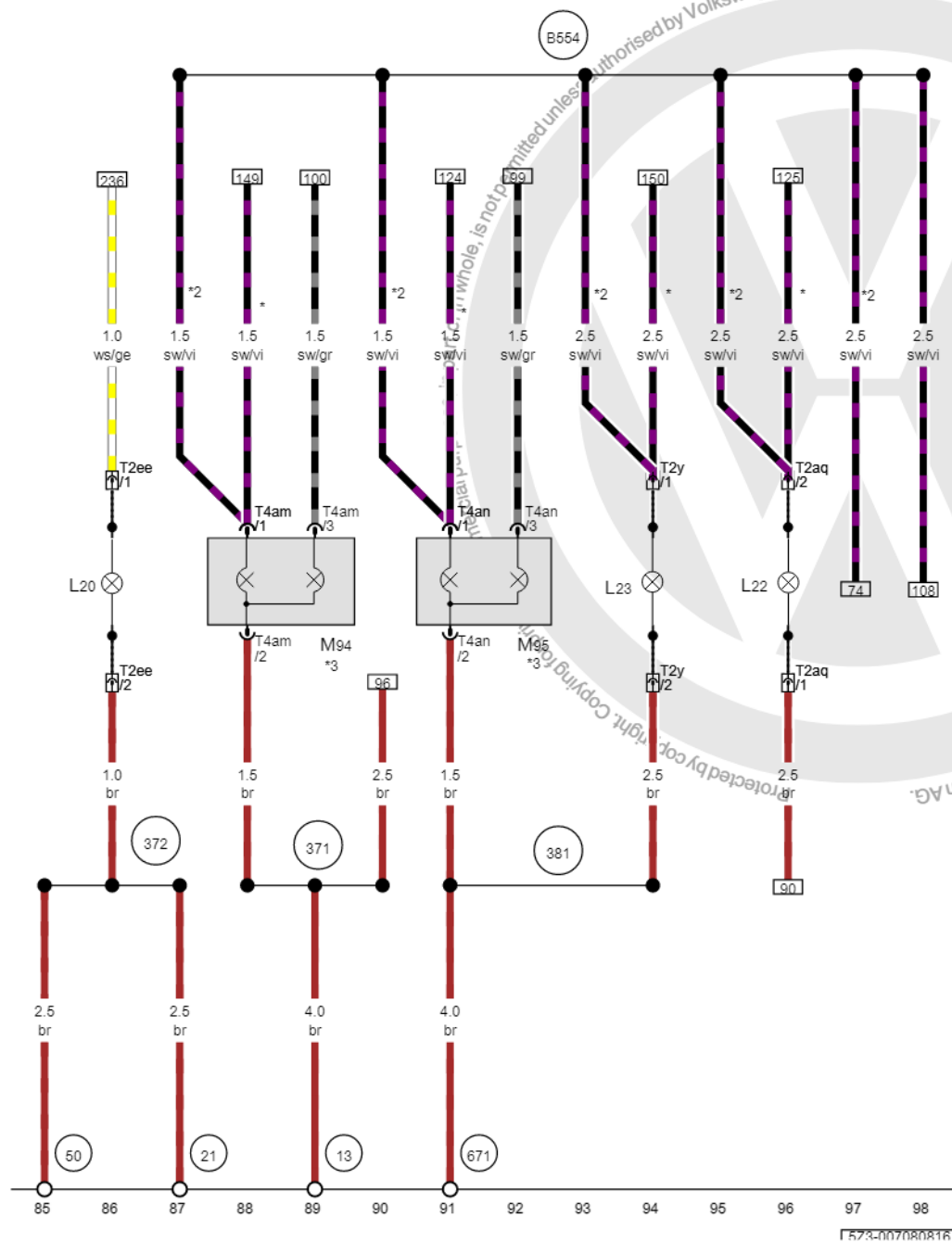
B340 Connection 1 (58d), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

\*3 Only CROSS models

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
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Rear fog light bulb, Left fog light bulb, Right fog light bulb,  
Left main beam headlight and fog light bulb, Right main  
beam headlight and fog light bulb

- L20 Rear fog light bulb
- L22 Left fog light bulb
- L23 Right fog light bulb
- M94 Left main beam headlight and fog light bulb
- M95 Right main beam headlight and fog light bulb
- T2aq 2-pin connector
- T2ee 2-pin connector
- T2y 2-pin connector
- T4am 4-pin connector
- T4an 4-pin connector

- 13 Earth point, on right in engine compartment
- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only CROSS models

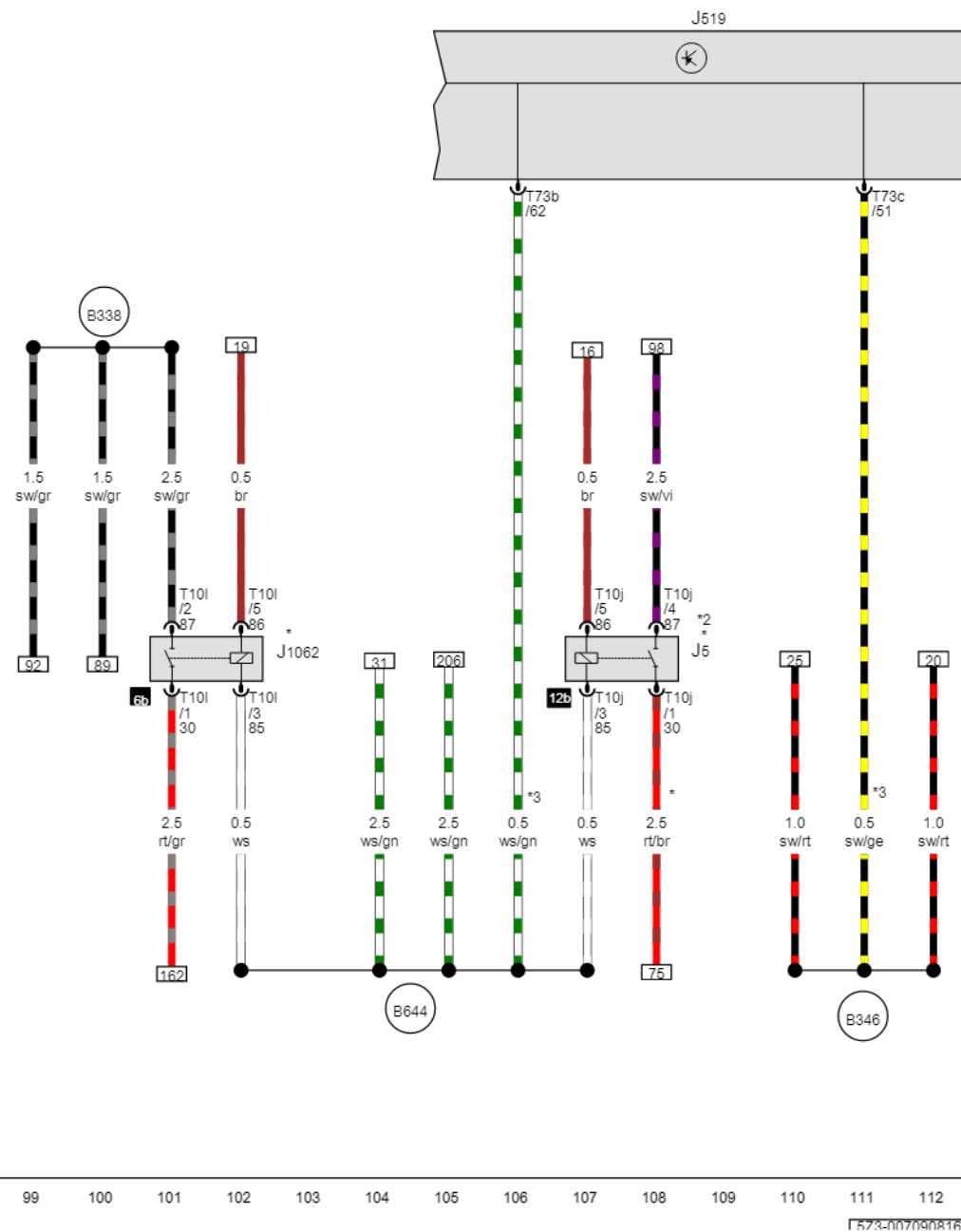
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- sw = black
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- gn = green
- bl = blue
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Fog light relay, Onboard supply control unit, Headlight main beam relay 2

- J5 Fog light relay
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T10j 10-pin connector
- T10l 10-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

- B338 Connection 1 (56), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B644 Connection 3 (56a), in main wiring harness

- \* Only CROSS models
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM



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Onboard supply control unit

J519 Onboard supply control unit

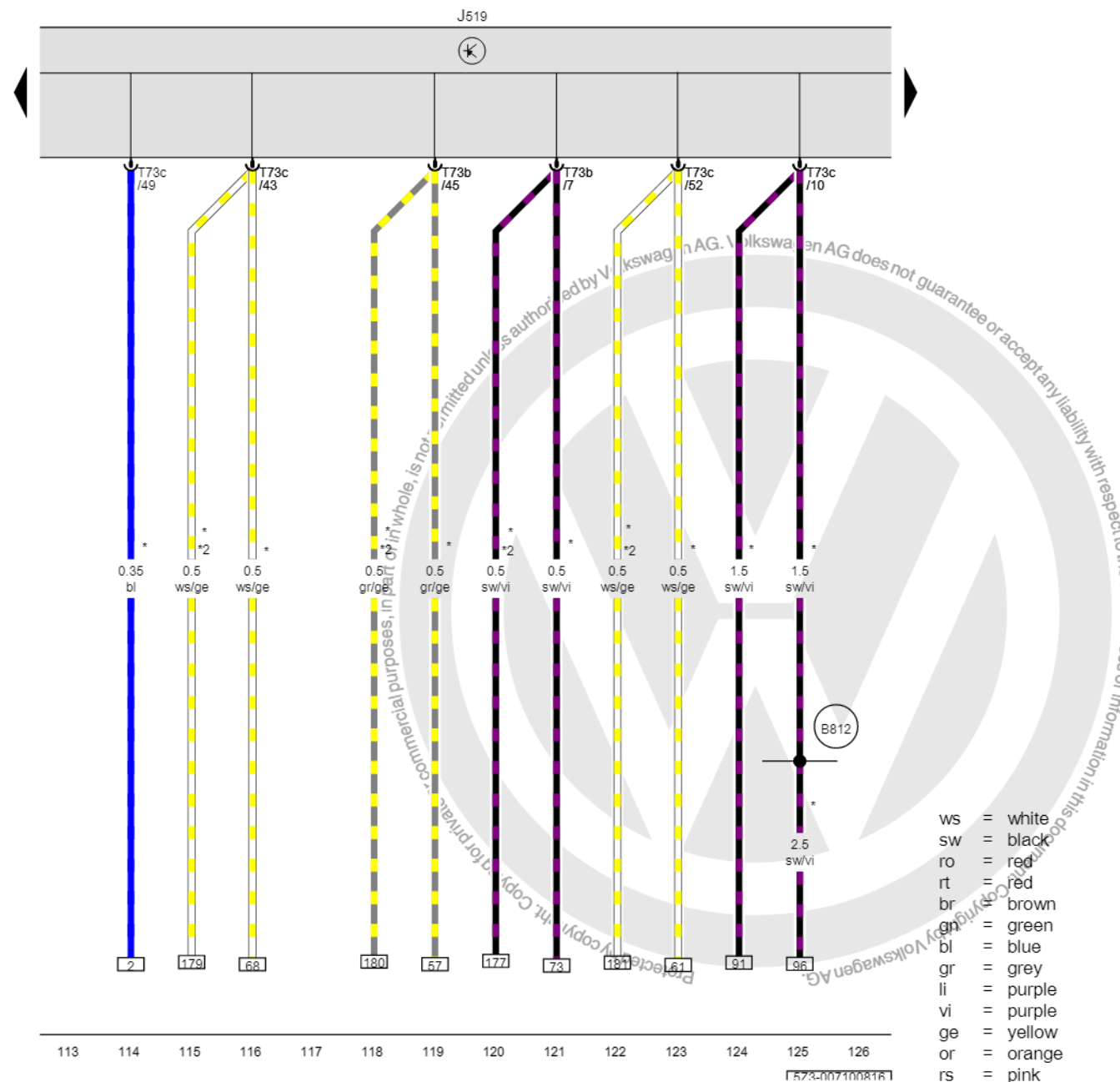
T73b 73-pin connector

T73c 73-pin connector

B812 Connection 2 (fog light), in main wiring harness

\* Only models with onboard supply control unit BCM

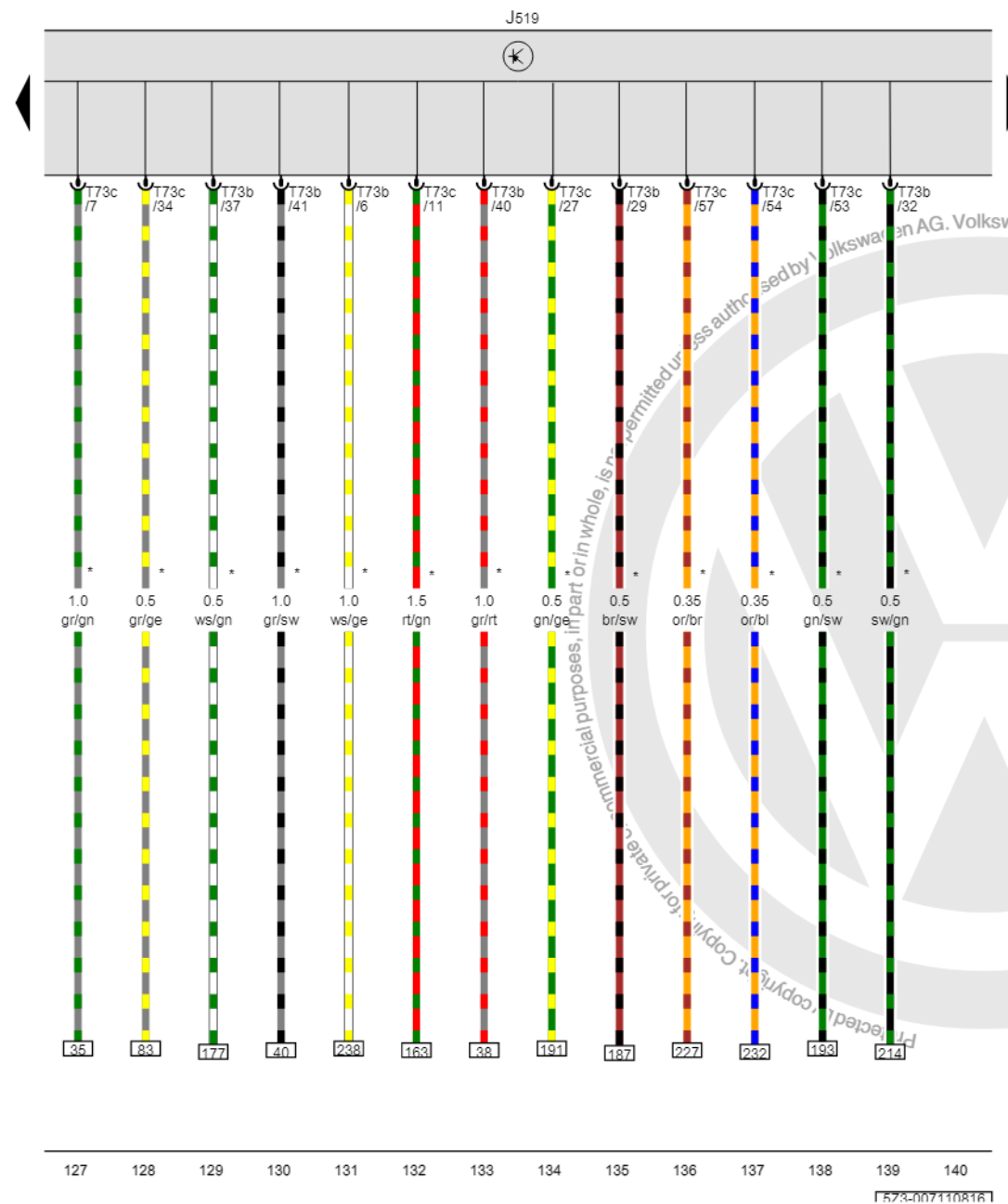
\*2 Only models with Coming Home function



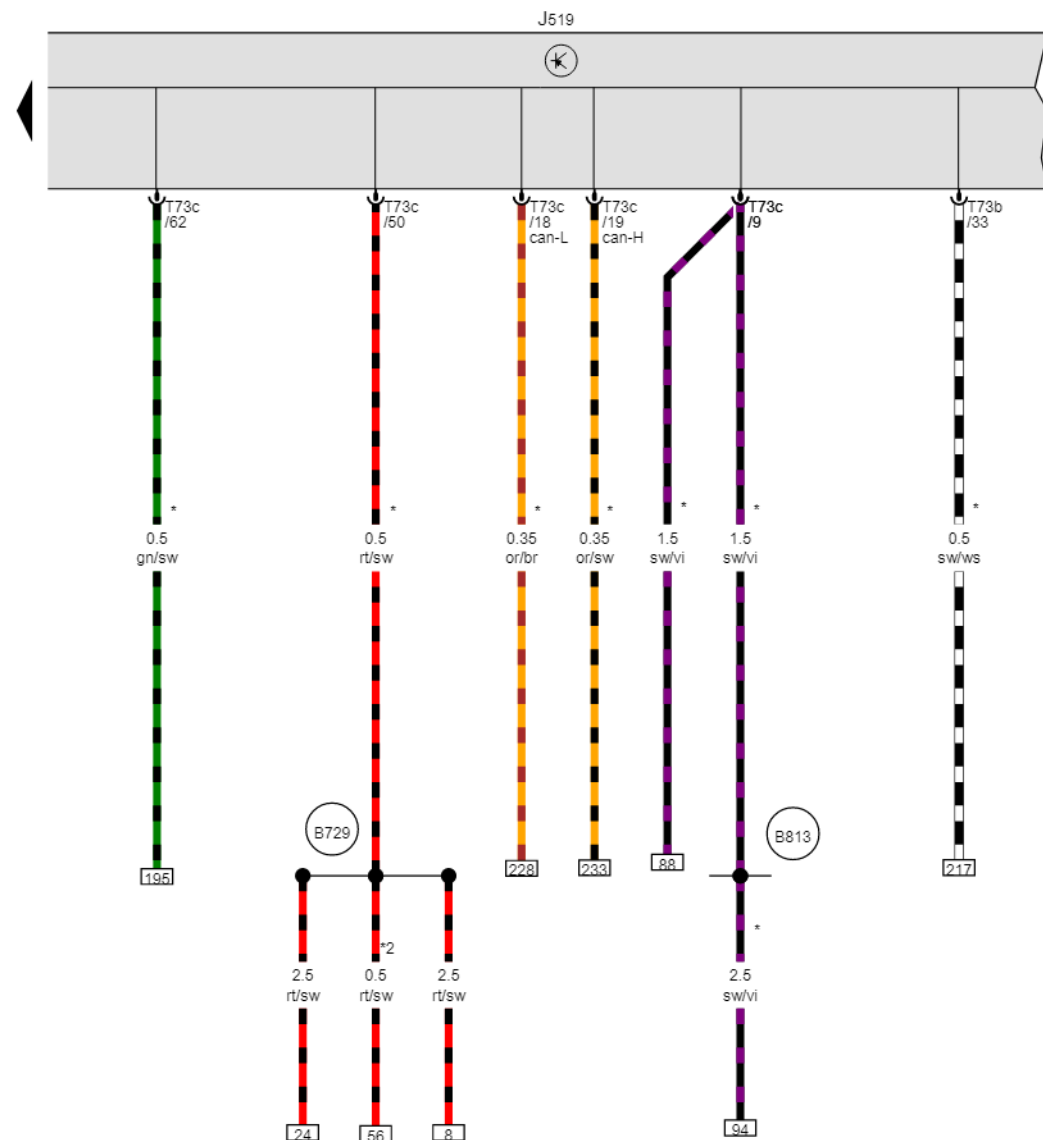
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Onboard supply control unit

- J519 Onboard supply control unit  
 T73b 73-pin connector  
 T73c 73-pin connector  
 \* Only models with onboard supply control unit BCM



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# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

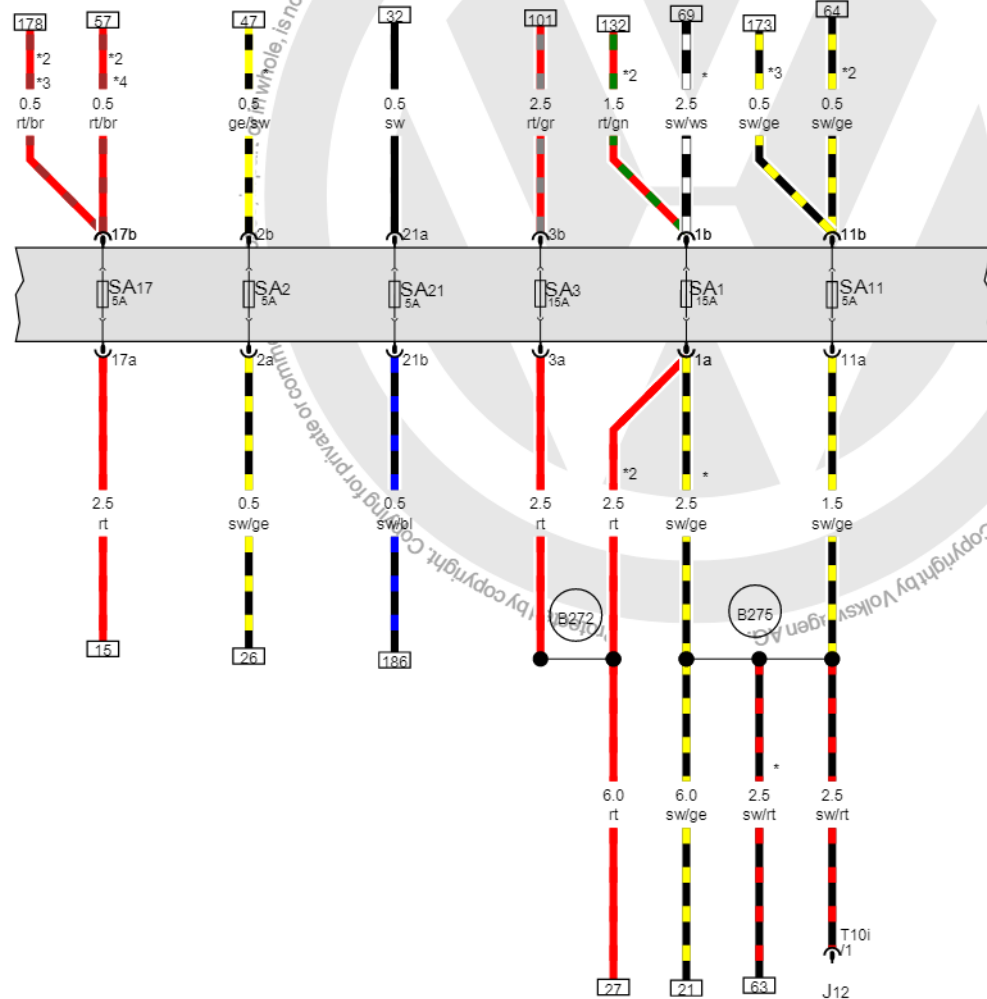
B729 Connection 1 (50), in main wiring harness

B813 Connection 3 (fog light), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

ws = white  
sw = black  
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Fuse 1 in fuse holder A, Fuse 2 in fuse holder A, Fuse 3 in fuse holder A, Fuse 11 in fuse holder A, Fuse 17 in fuse holder A, Fuse 21 in fuse holder A

- J12 Headlight main beam relay
- SA1 Fuse 1 in fuse holder A
- SA2 Fuse 2 in fuse holder A
- SA3 Fuse 3 in fuse holder A
- SA11 Fuse 11 in fuse holder A
- SA17 Fuse 17 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T10i 10-pin connector

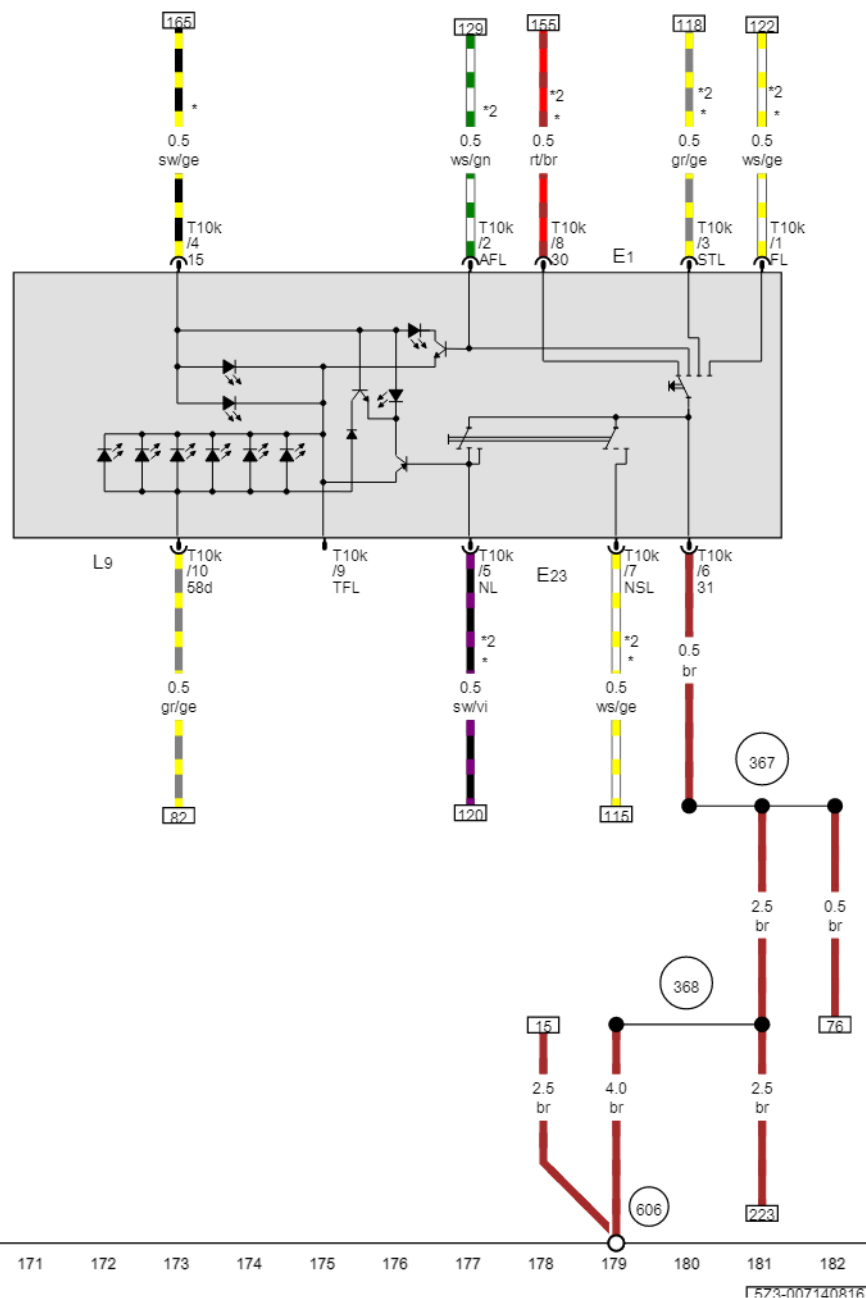
B272 Positive connection (30), in main wiring harness

B275 Positive connection (87), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with Coming Home function
- \*4 Only models with no Coming Home function

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- gr = grey
- li = purple
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- ge = yellow
- or = orange
- rs = pink

Light switch, Front and rear fog light switch, Light switch illumination bulb



- E1 Light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T10k 10-pin connector
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- \* Only models with Coming Home function
- \*2 Only models with onboard supply control unit BCM

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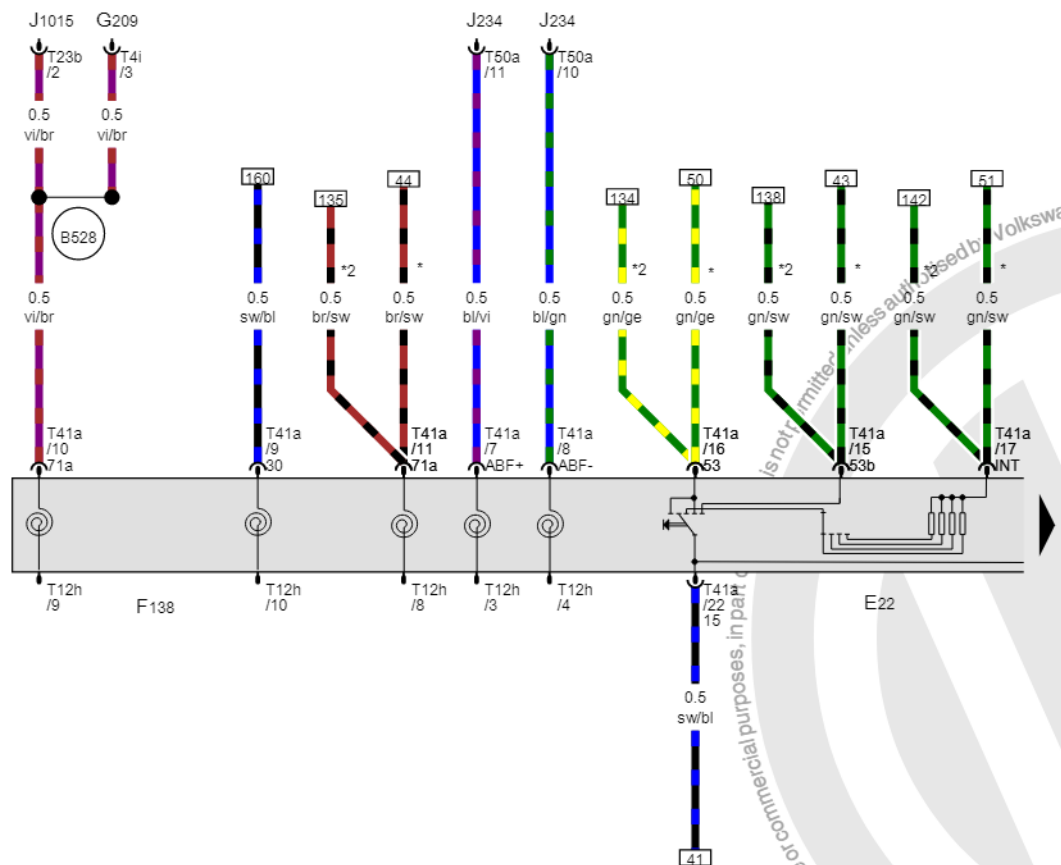


Intermittent wiper switch, Airbag coil connector and return ring with slip ring

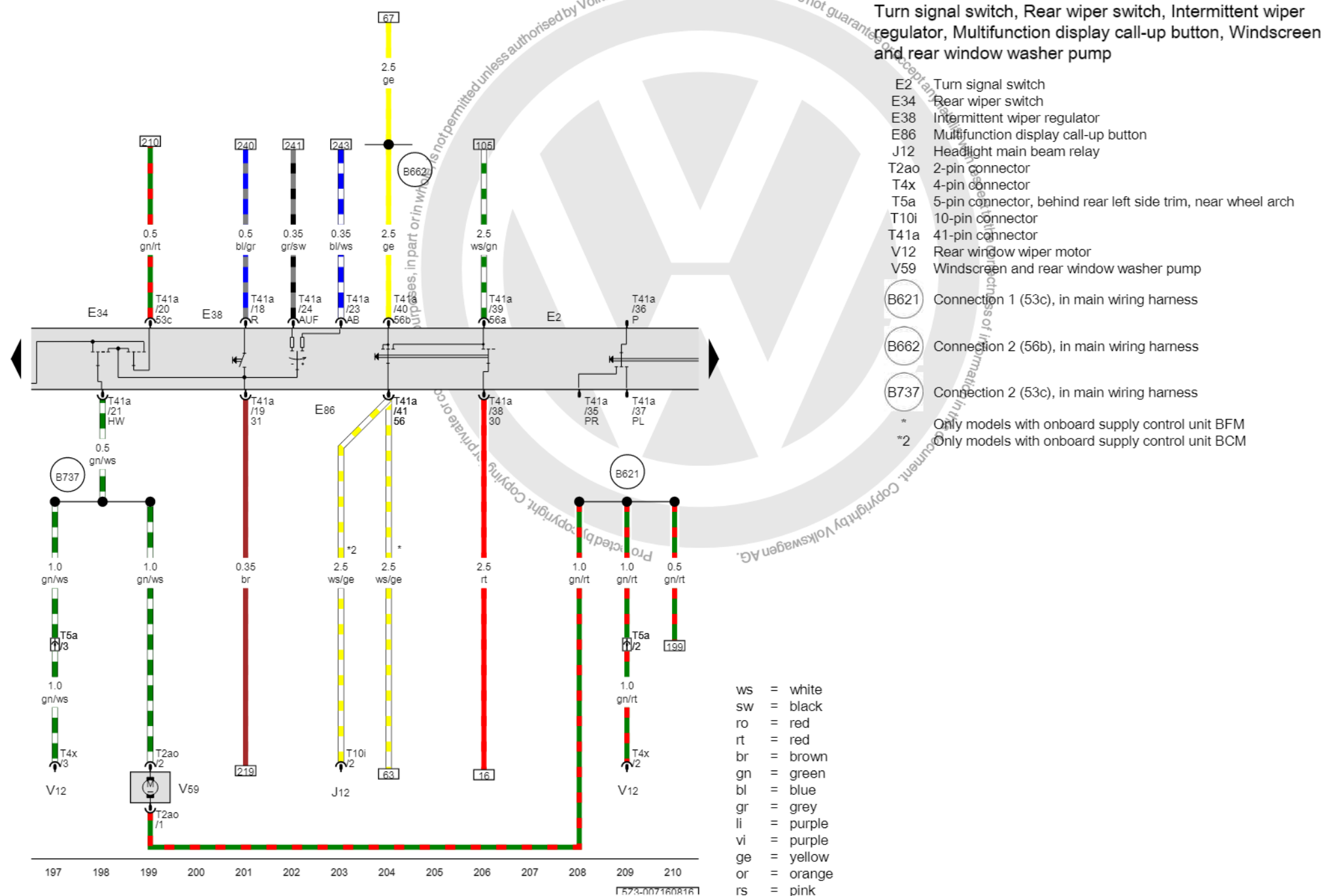
- E22 Intermittent wiper switch
- F138 Airbag coil connector and return ring with slip ring
- G209 Anti-theft alarm ultrasonic sensor
- J234 Airbag control unit
- J1015 Central control unit for window regulators
- T4i 4-pin connector
- T23b 23-pin connector
- T41a 41-pin connector
- T50a 50-pin connector

B528 Connection 1 (LIN bus) in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*\*2 Only models with onboard supply control unit BCM

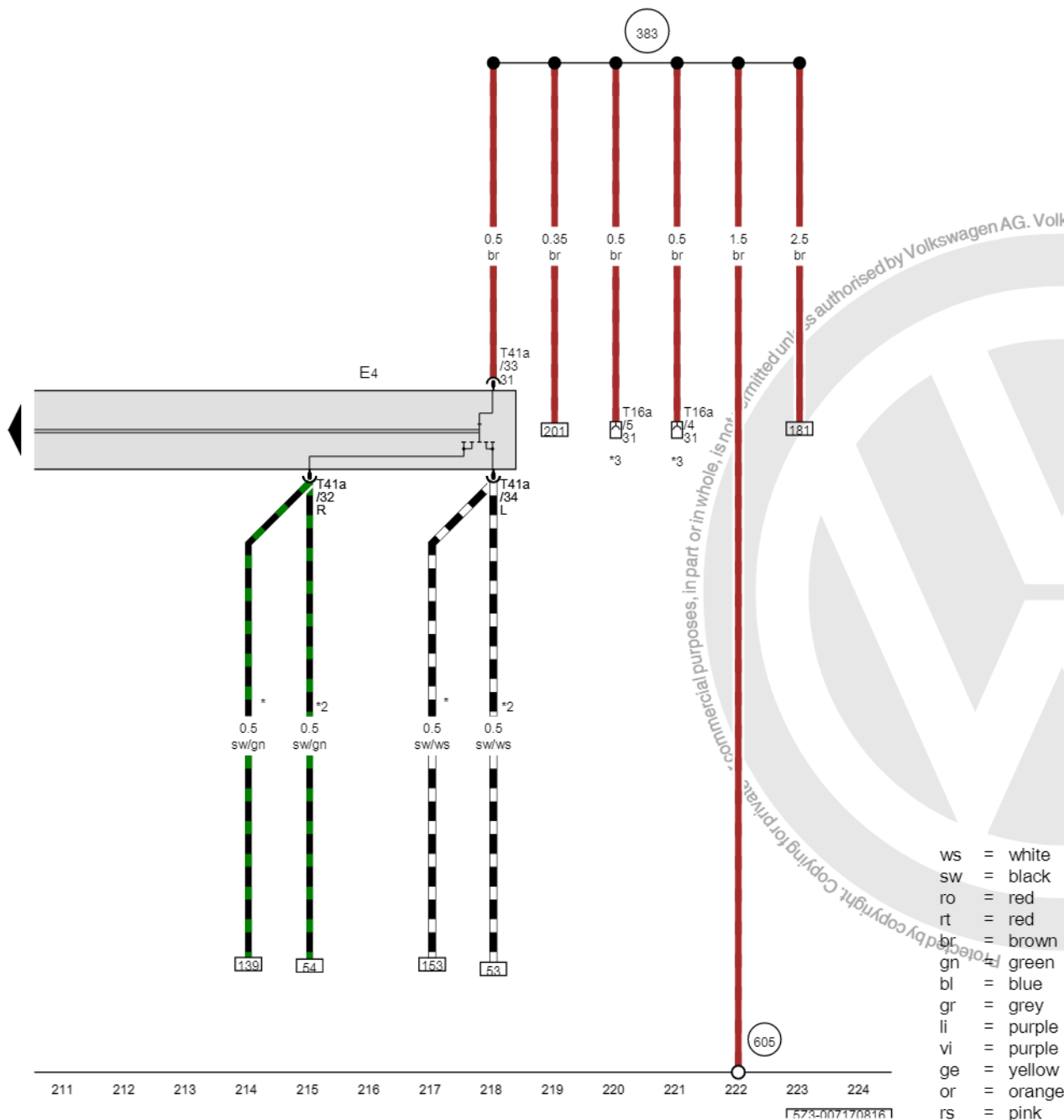


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# Headlight dipper and flasher switch

- E4 Headlight dipper and flasher switch
- T16a 16-pin connector
- T41a 41-pin connector
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Diagnostic connection

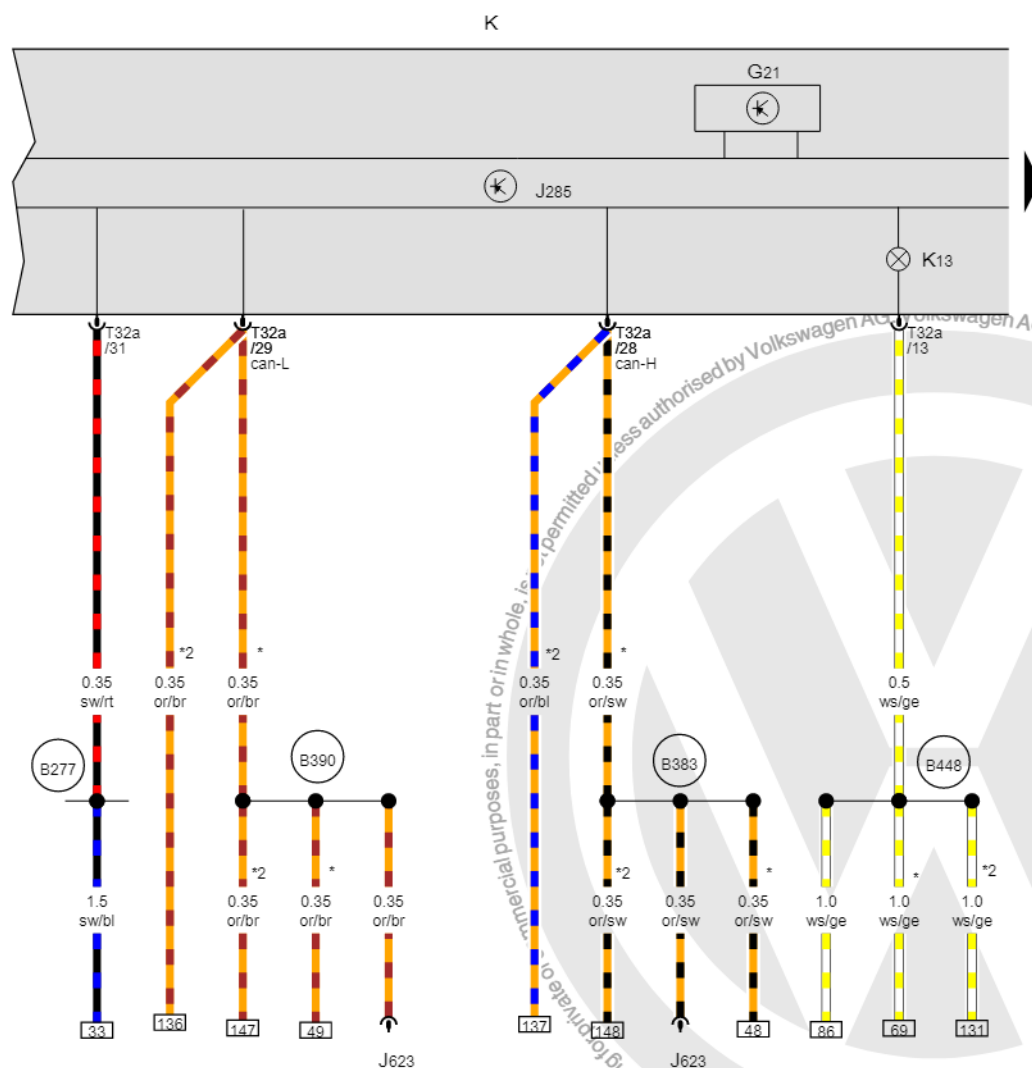


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Speedometer, Control unit in dash panel insert, Dash panel insert, Rear fog light warning lamp

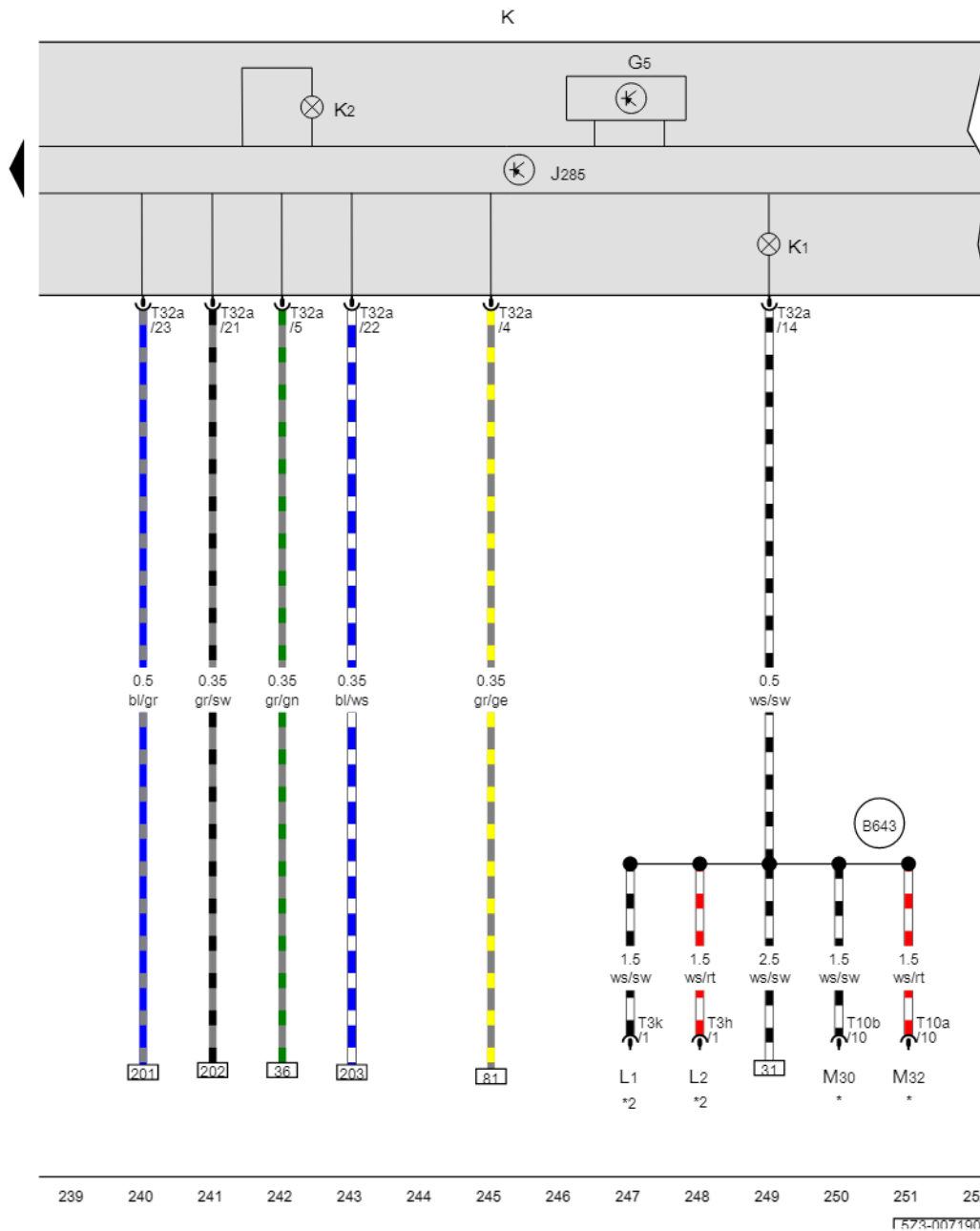
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K13 Rear fog light warning lamp
- T32a 32-pin connector

- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B448 Connection (rear fog light), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- vi = purple
- ge = yellow
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- rs = pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp



- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- T3h 3-pin connector
- T3k 3-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T32a 32-pin connector
- B643 Connection 2 (56a), in main wiring harness
- \* Only models with dual headlights
- \*2 Only models with halogen headlights

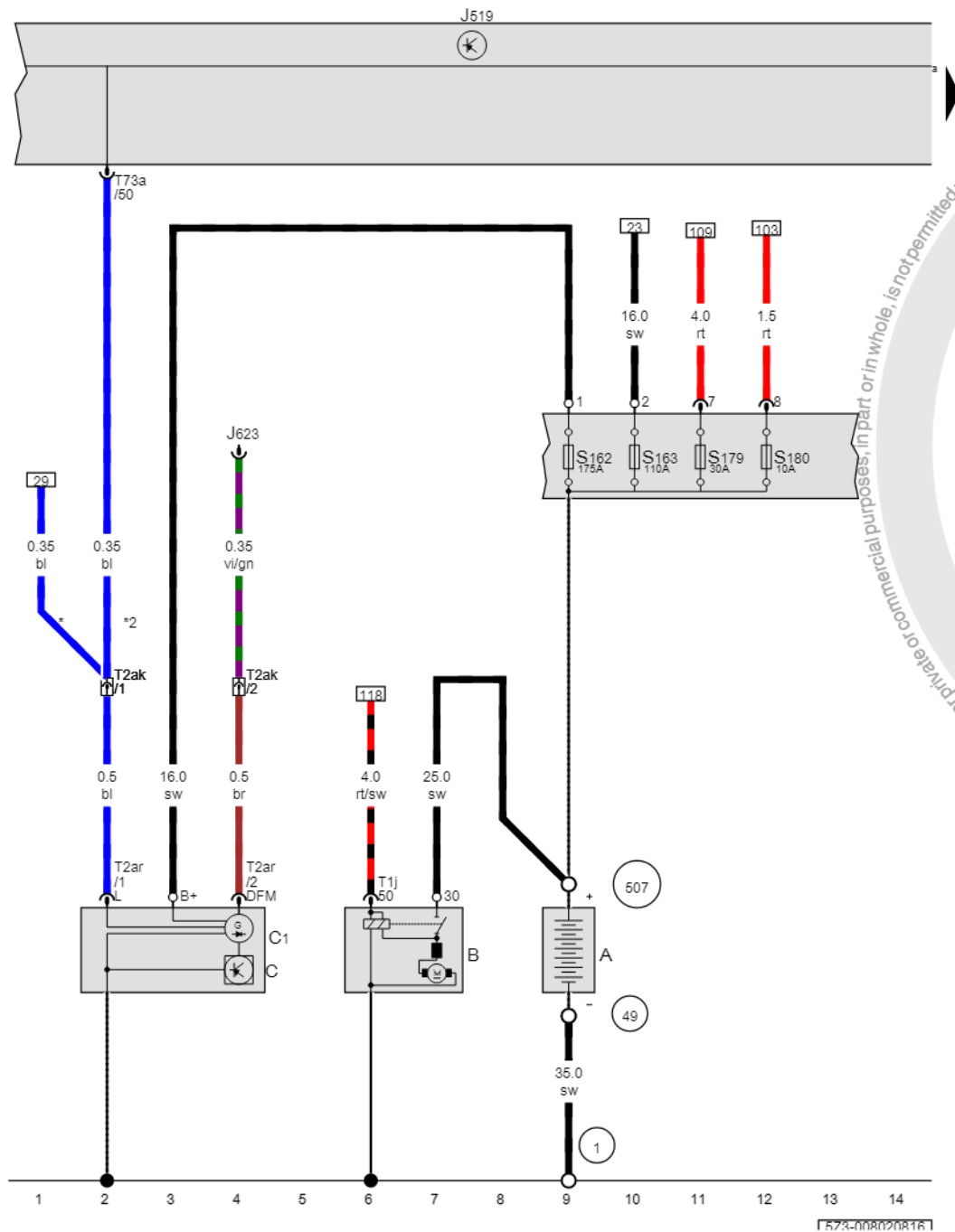
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## Automated manual gearbox , CCRA,CFZA

From April 2013

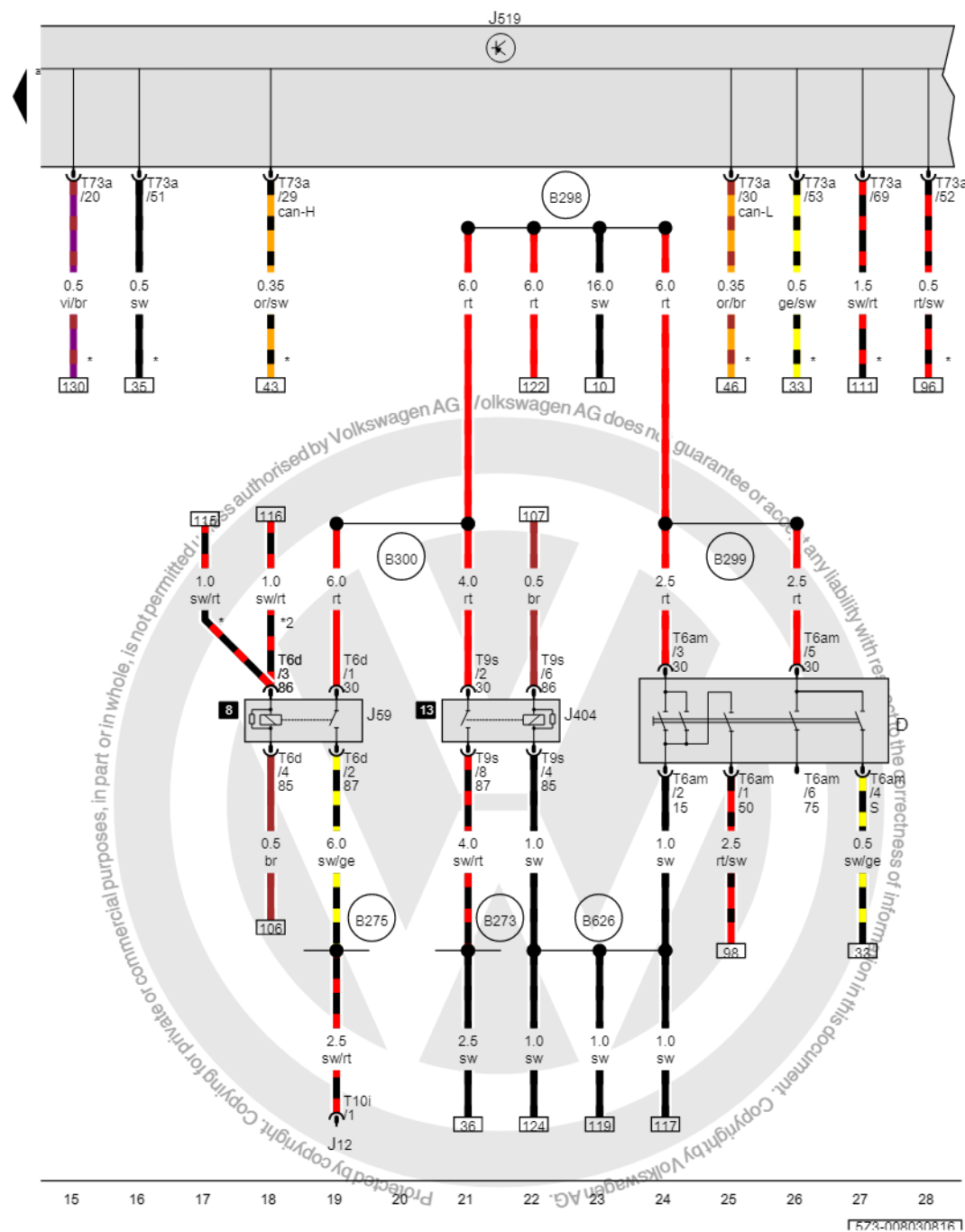


Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S179 Fuse 7 (30), in battery fuse holder
- S180 Fuse 8 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- T73a 73-pin connector
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B626 Positive connection 2 (15), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

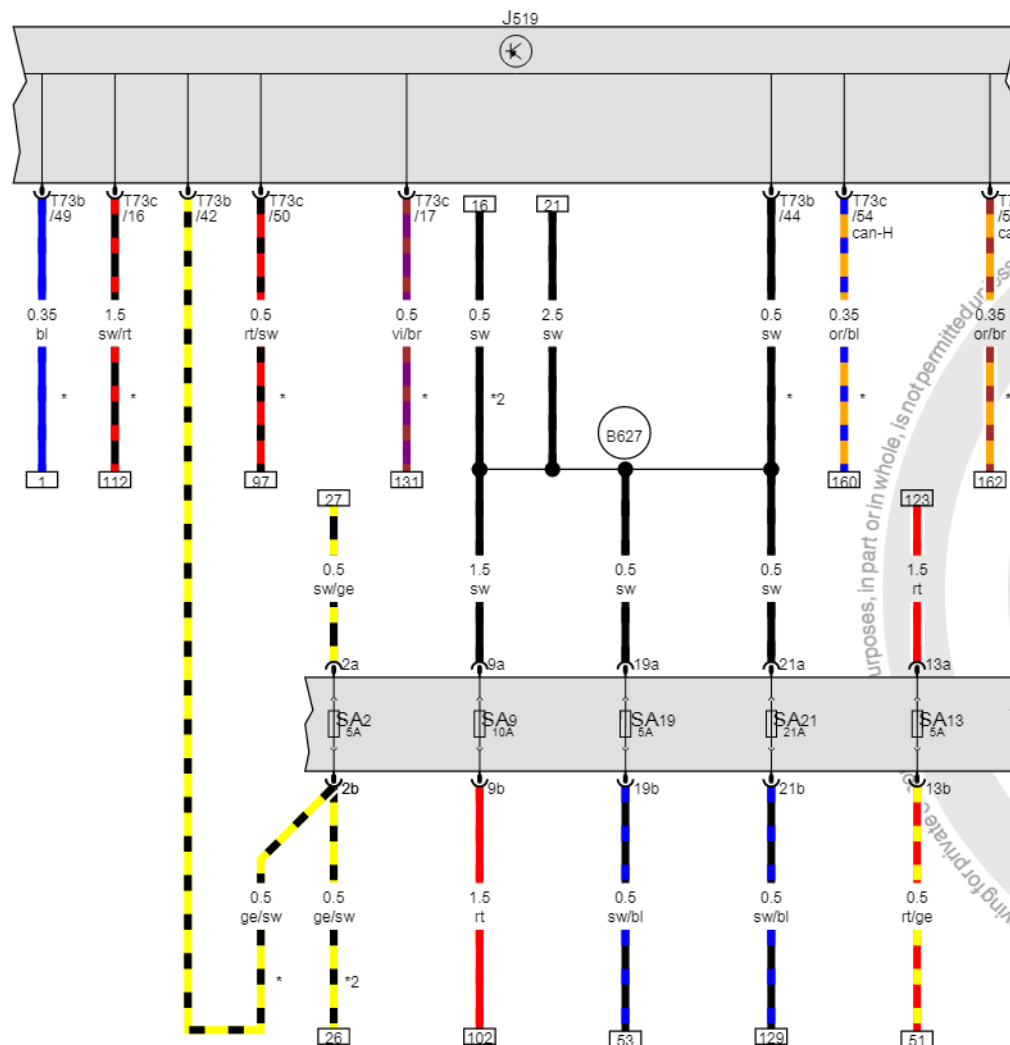


Onboard supply control unit

- J519 Onboard supply control unit  
 SA2 Fuse 2 in fuse holder A  
 SA9 Fuse 9 in fuse holder A  
 SA13 Fuse 13 in fuse holder A  
 SA19 Fuse 19 in fuse holder A  
 SA21 Fuse 21 in fuse holder A  
 T73b 73-pin connector  
 T73c 73-pin connector

B627 Positive connection 3 (15) in main wiring harness

- \* Only models with onboard supply control unit BCM  
 \*2 Only models with onboard supply control unit BFM



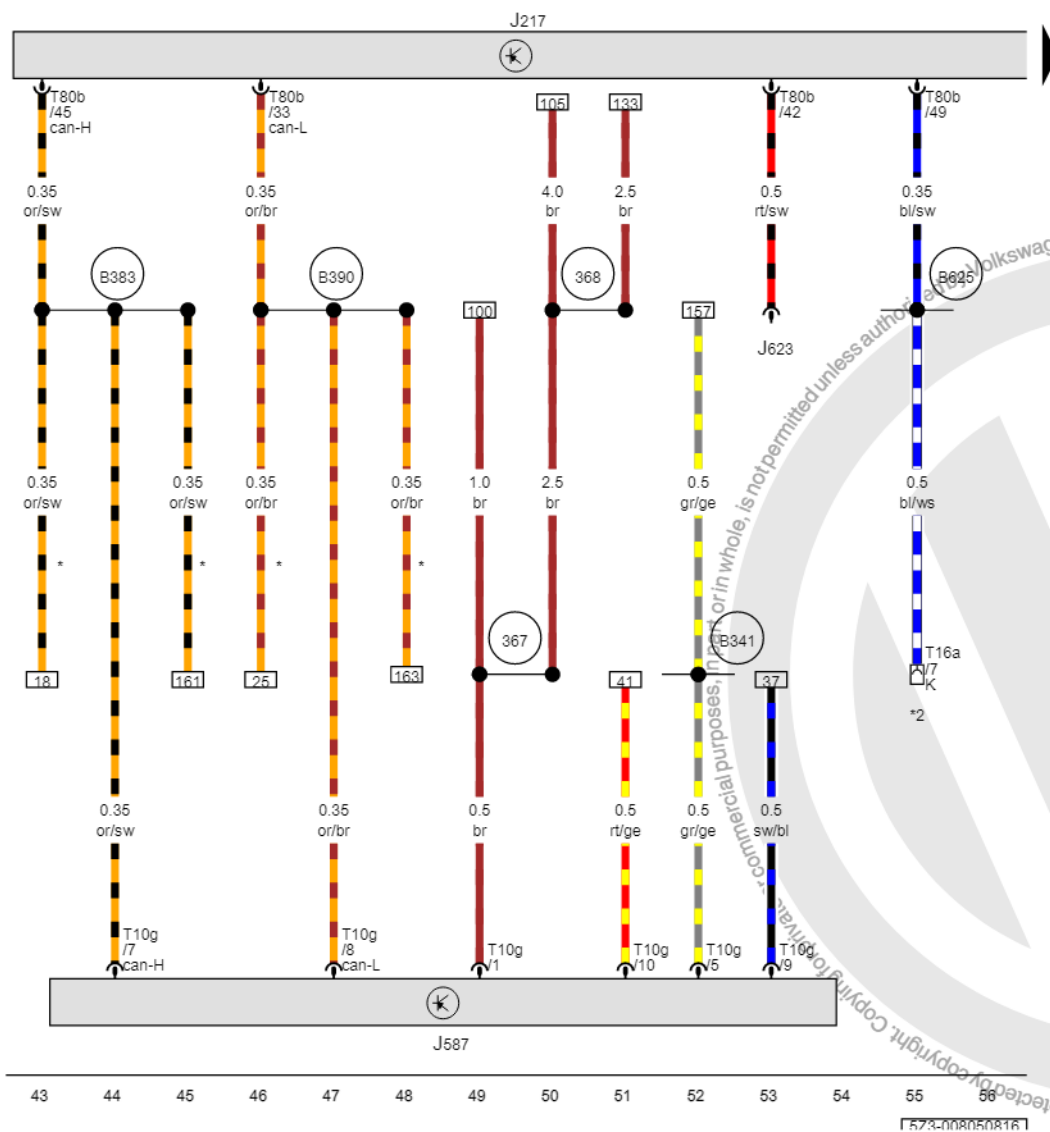
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

Automatic gearbox control unit, Selector lever sensors control unit

J217 Automatic gearbox control unit  
J587 Selector lever sensors control unit  
J623 Engine control unit  
T10g 10-pin connector  
T16a 16-pin connector  
T80b 80-pin connector

367 Earth connection 2, in main wiring harness  
368 Earth connection 3, in main wiring harness  
B341 Connection 2 (58d), in main wiring harness  
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness  
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness  
B625 Connection 1 (K-diagnosis wire), in main wiring harness  
\* Only models with onboard supply control unit BFM  
\*2 Diagnostic connection



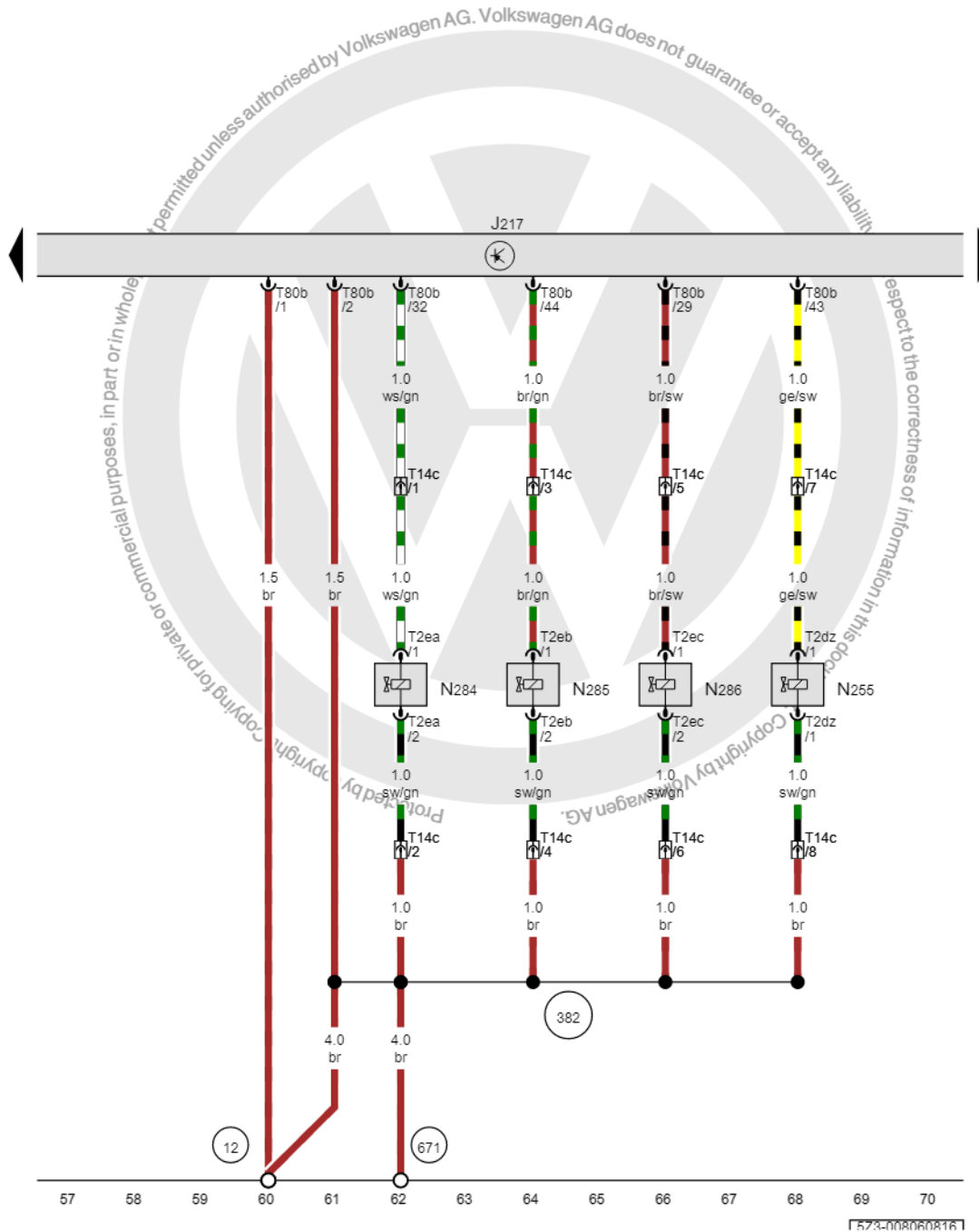
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ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Automatic gearbox control unit, Clutch actuator valve, Selector lever valve 1, Selector lever valve 2, Selector lever valve 3

- J217 Automatic gearbox control unit
- N255 Clutch actuator valve
- N284 Selector lever valve 1
- N285 Selector lever valve 2
- N286 Selector lever valve 3
- T2dz 2-pin connector
- T2ea 2-pin connector
- T2eb 2-pin connector
- T2ec 2-pin connector
- T14c 14-pin connector, on left in engine compartment
- T80b 80-pin connector

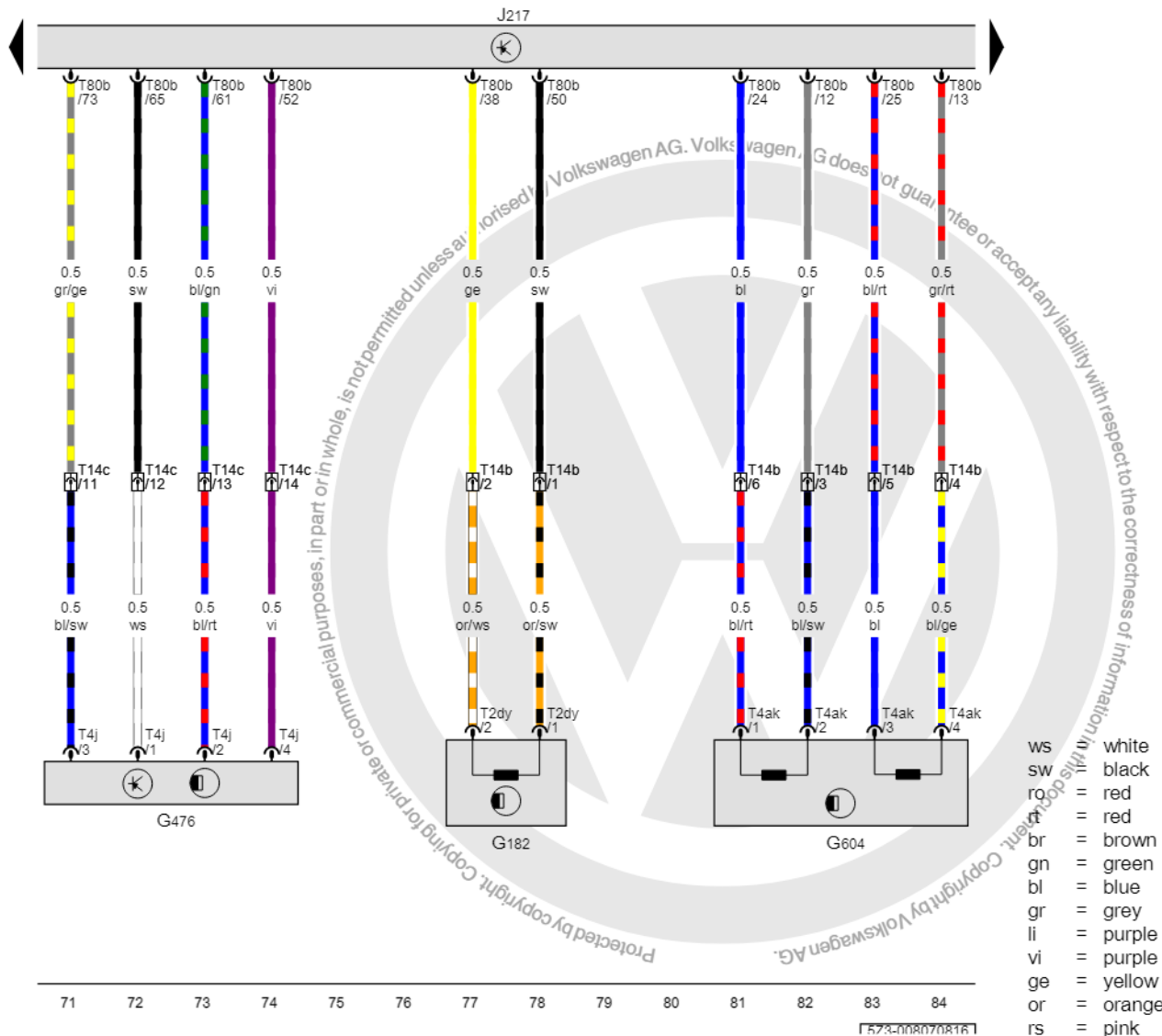
- 12 Earth point, on left in engine compartment
- 382 Earth connection 17, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Gearbox input speed sender, Clutch position sender, Gear detection sensor, Automatic gearbox control unit

- G182 Gearbox input speed sender
- G476 Clutch position sender
- G604 Gear detection sensor
- J217 Automatic gearbox control unit
- T2dy 2-pin connector
- T4ak 4-pin connector
- T4j 4-pin connector
- T14b 14-pin connector, on left in engine compartment
- T14c 14-pin connector, on left in engine compartment
- T80b 80-pin connector

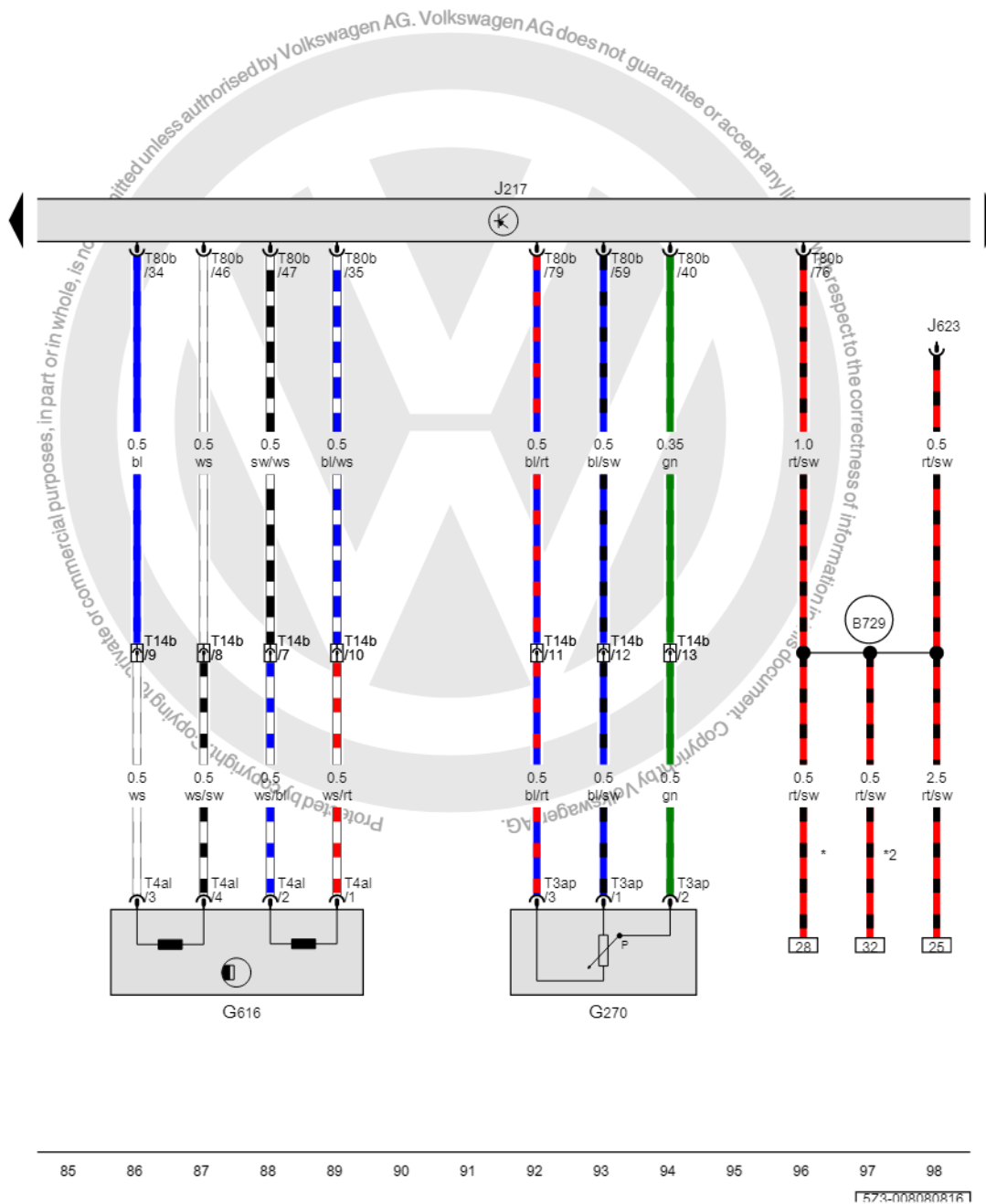


Gearbox hydraulic pressure sender, Sensor 2 for gear detection, Automatic gearbox control unit

- G270 Gearbox hydraulic pressure sender
- G616 Sensor 2 for gear detection
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T3ap 3-pin connector
- T4al 4-pin connector
- T14b 14-pin connector, on left in engine compartment
- T80b 80-pin connector

(B729) Connection 1 (50), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



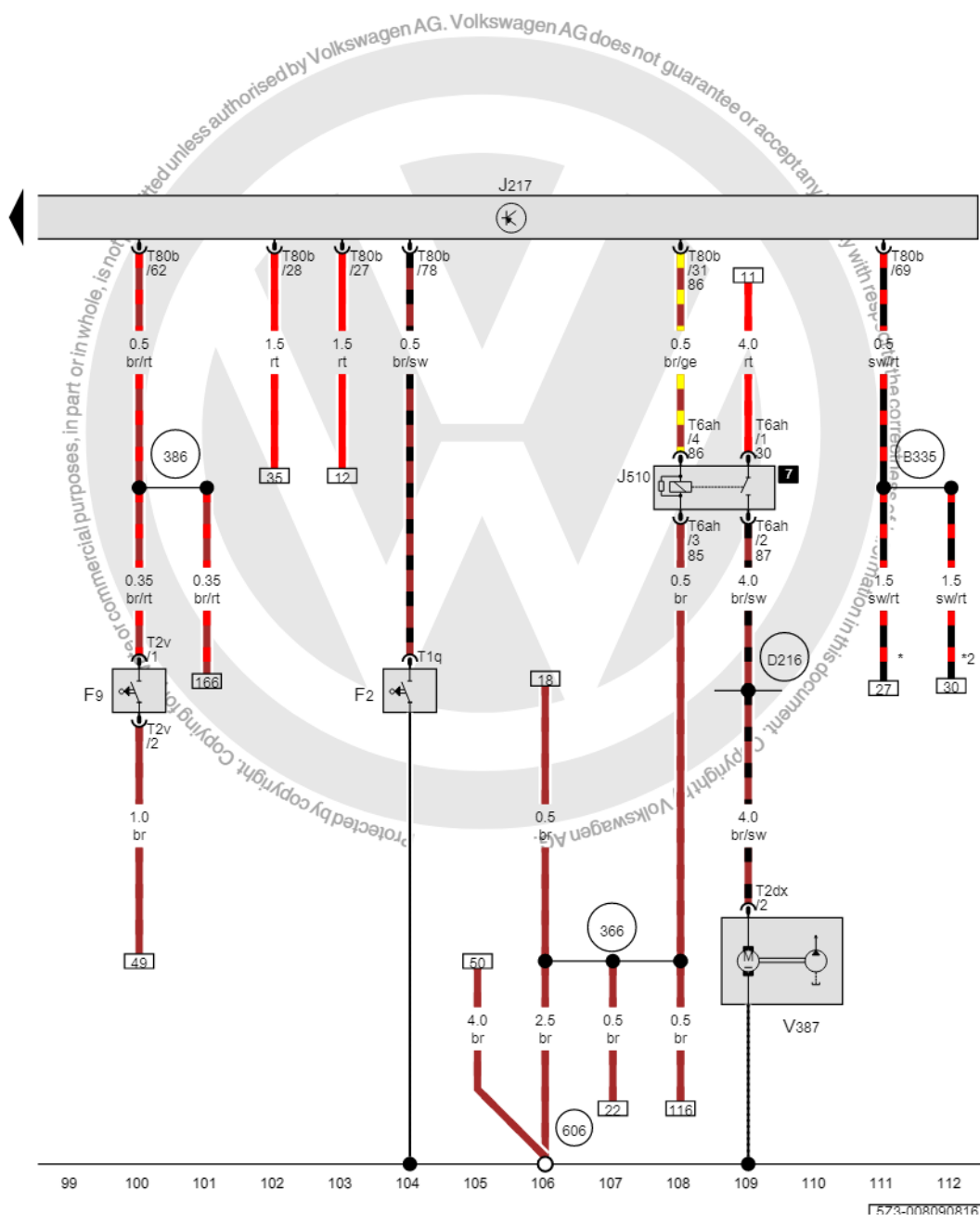
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Driver door contact switch, Handbrake warning switch, Automatic gearbox control unit, Gearbox hydraulic pump relay, Hydraulic pump for gearbox

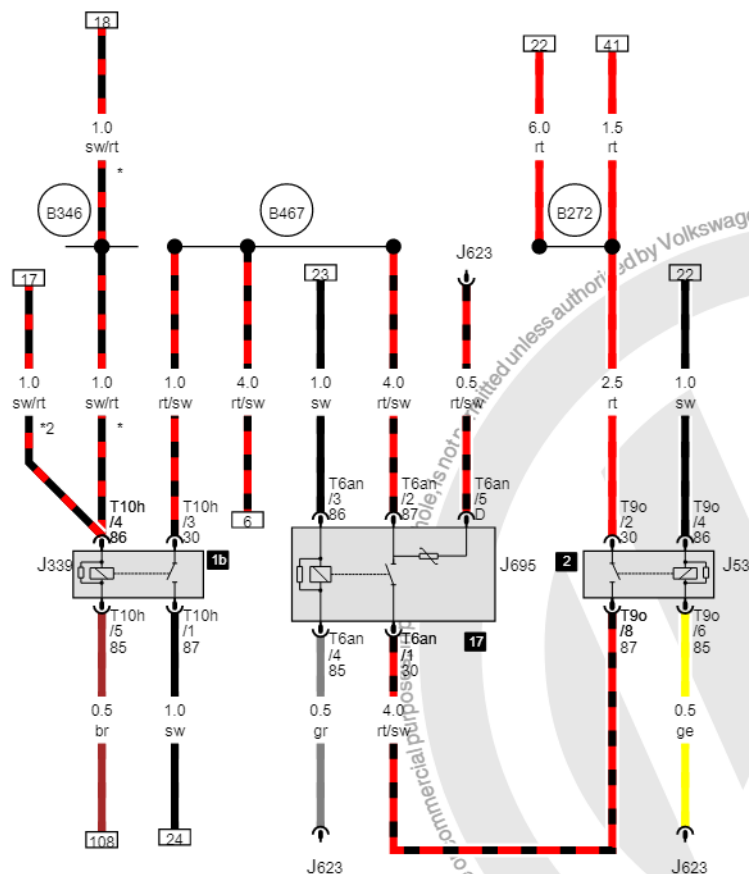
- F2 Driver door contact switch
- F9 Handbrake warning switch
- J217 Automatic gearbox control unit
- J510 Gearbox hydraulic pump relay
- T1q Single connector
- T2dx 2-pin connector
- T2v 2-pin connector
- T6ah 6-pin connector
- T80b 80-pin connector
- V387 Hydraulic pump for gearbox

- 366 Earth connection 1, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B335 Connection 1 (54), in main wiring harness
- D216 Connection (hydraulic pump warning lamp), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

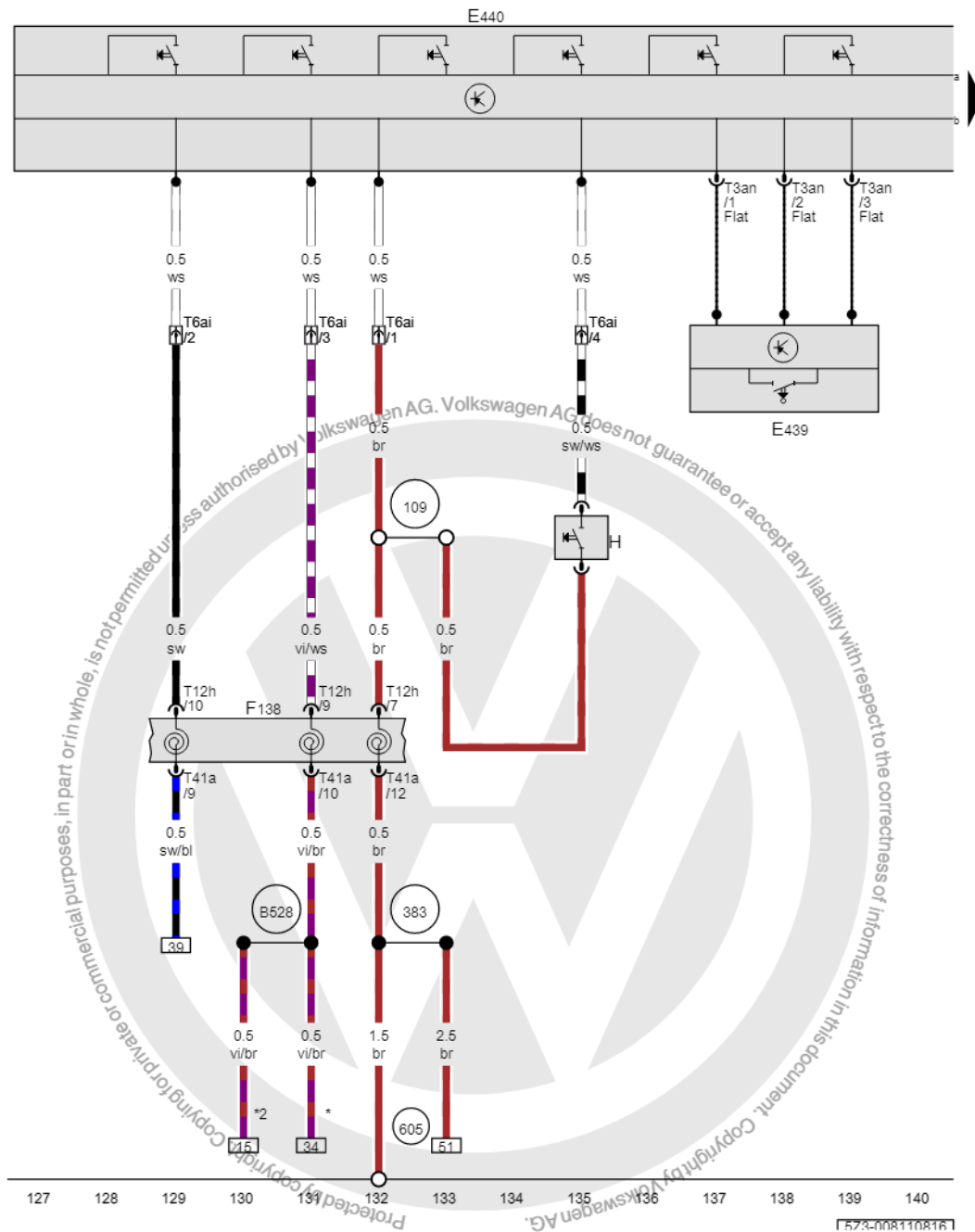


Starter motor relay, X contact relief relay 2, Starter motor relay 2



- J53 Starter motor relay
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T6an 6-pin connector
- T9o 9-pin connector
- T10h 10-pin connector
- B272 Positive connection (30), in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B467 Connection 3, in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate

E439	Tiptronic switch in steering wheel to shift down
E440	Multifunction buttons on left in steering wheel
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
T3an	3-pin connector
T6ai	6-pin connector
T12h	12-pin connector
T41a	41-pin connector

(109) Earth connection, in airbag wiring harness

(383) Earth connection 18, in main wiring harness

(605) Earth point, on top end of steering column

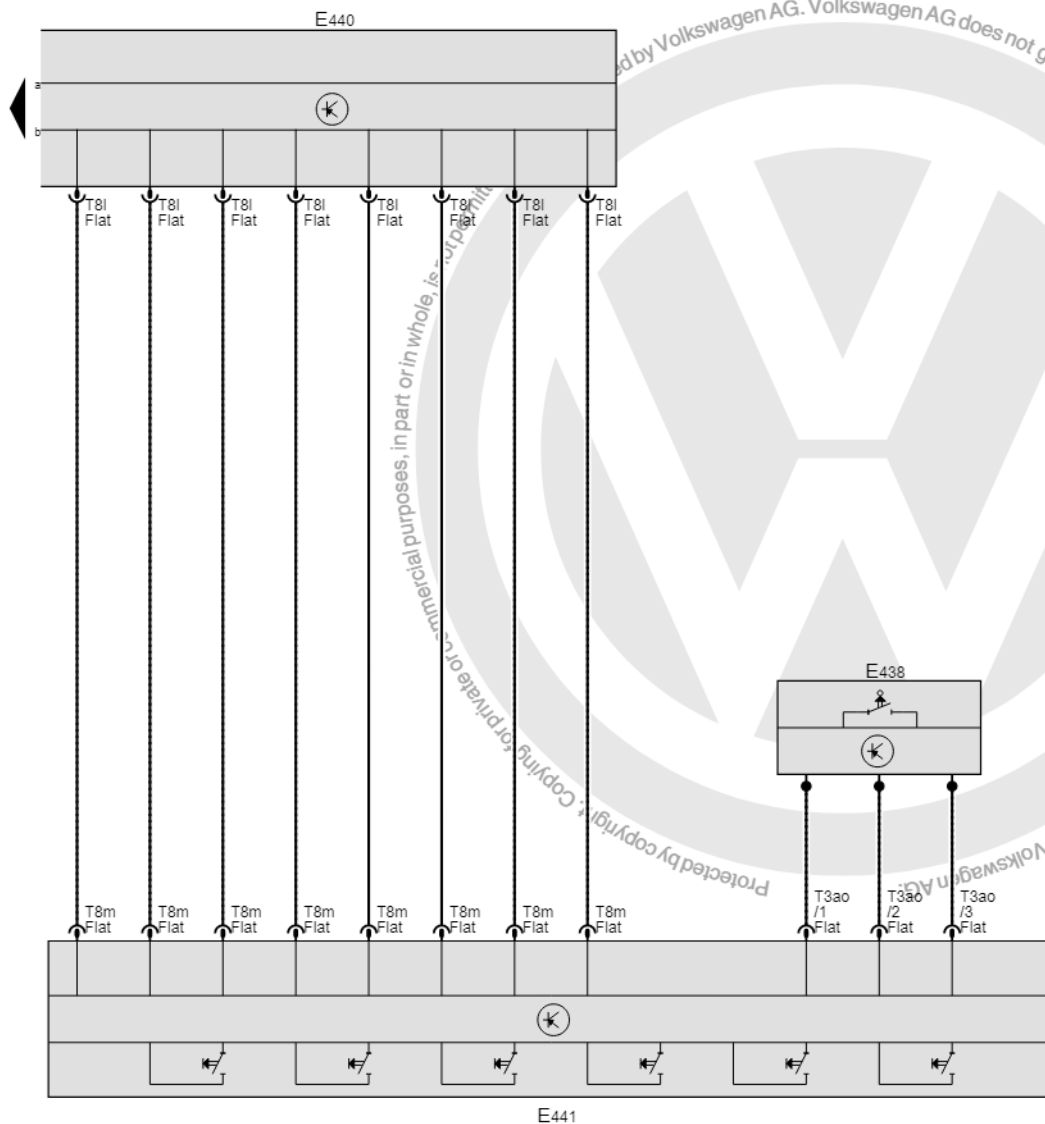
(B528) Connection 1 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

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sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





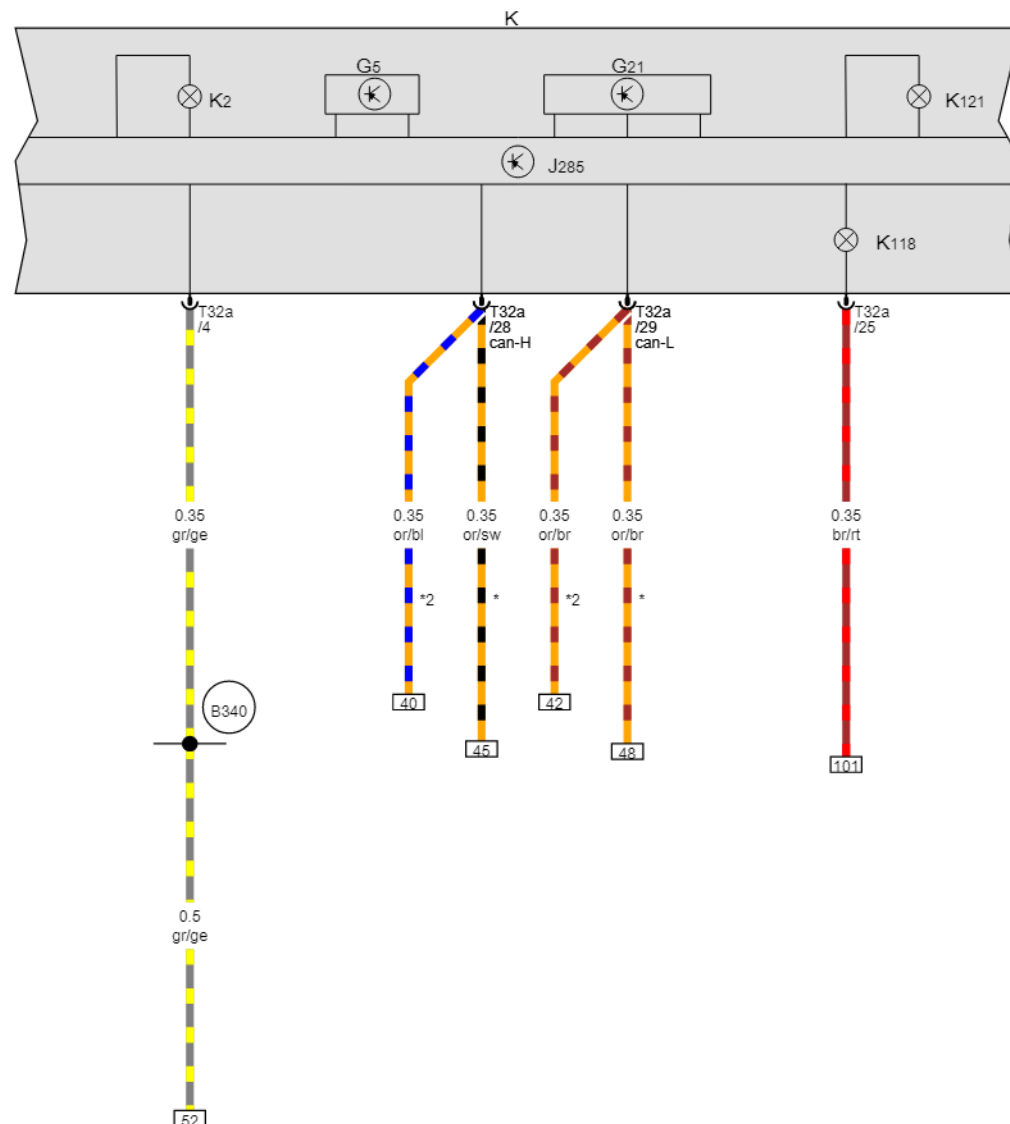
Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

141 142 143 144 145 146 147 148 149 150 151 152 153 154

1573-008120816



Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Brake system warning lamp, Malfunction warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

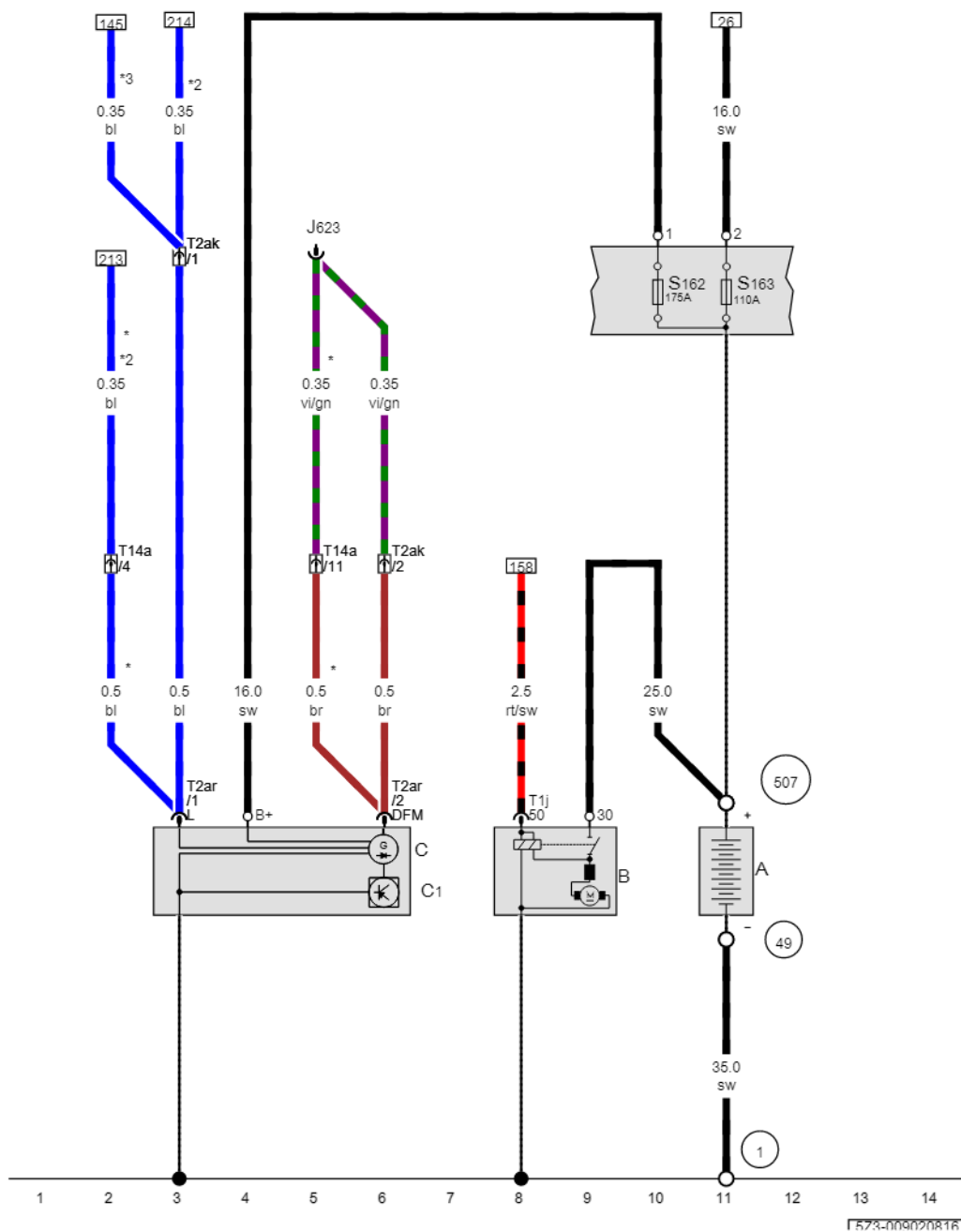
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- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Dual headlight

From April 2013



Battery, Starter, Alternator, Voltage regulator

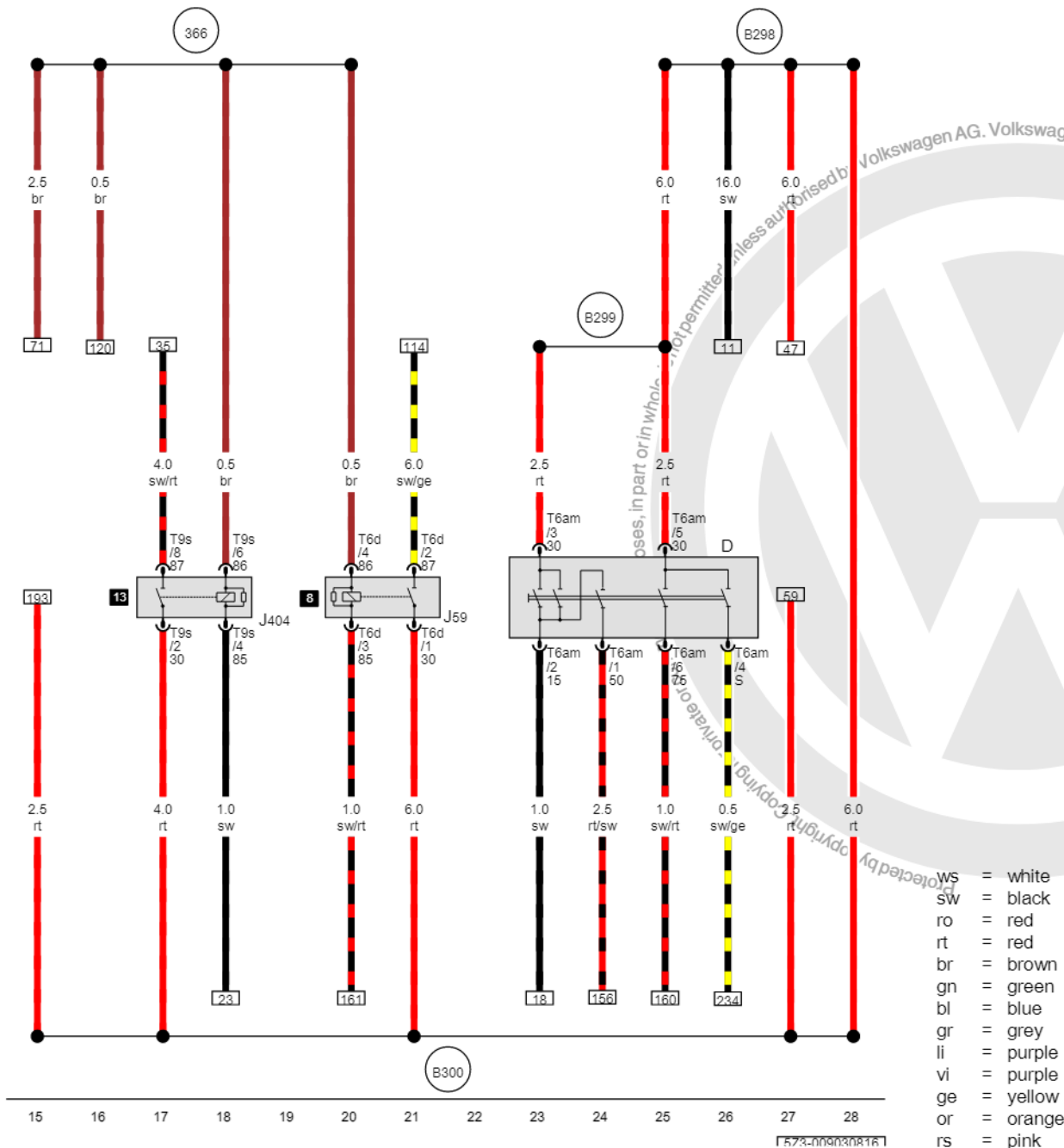


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Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



Fuse 26 on fuse holder B, Fuse 31 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 47 on fuse holder B

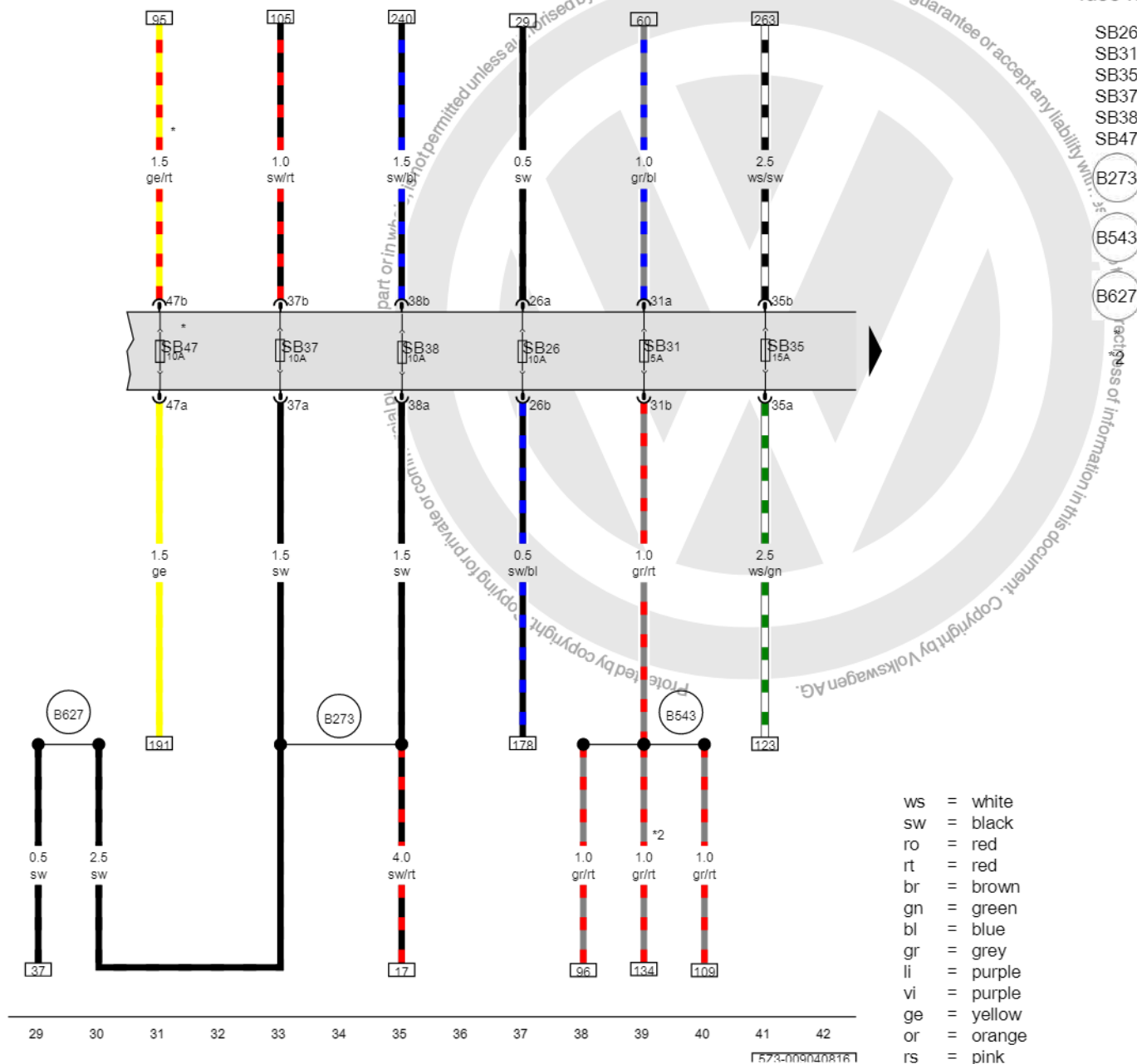
SB26 Fuse 26 on fuse holder B  
SB31 Fuse 31 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB37 Fuse 37 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB47 Fuse 47 on fuse holder B

B273 Positive connection (15), in main wiring harness

B543 Positive connection (58R), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

Only models with onboard supply control unit BFM  
Only models with onboard supply control unit BCM



Fuse 32 on fuse holder B, Fuse 36 on fuse holder B, Fuse 43 on fuse holder B, Fuse 47 on fuse holder B

SB32 Fuse 32 on fuse holder B  
SB36 Fuse 36 on fuse holder B  
SB43 Fuse 43 on fuse holder B  
SB47 Fuse 47 on fuse holder B

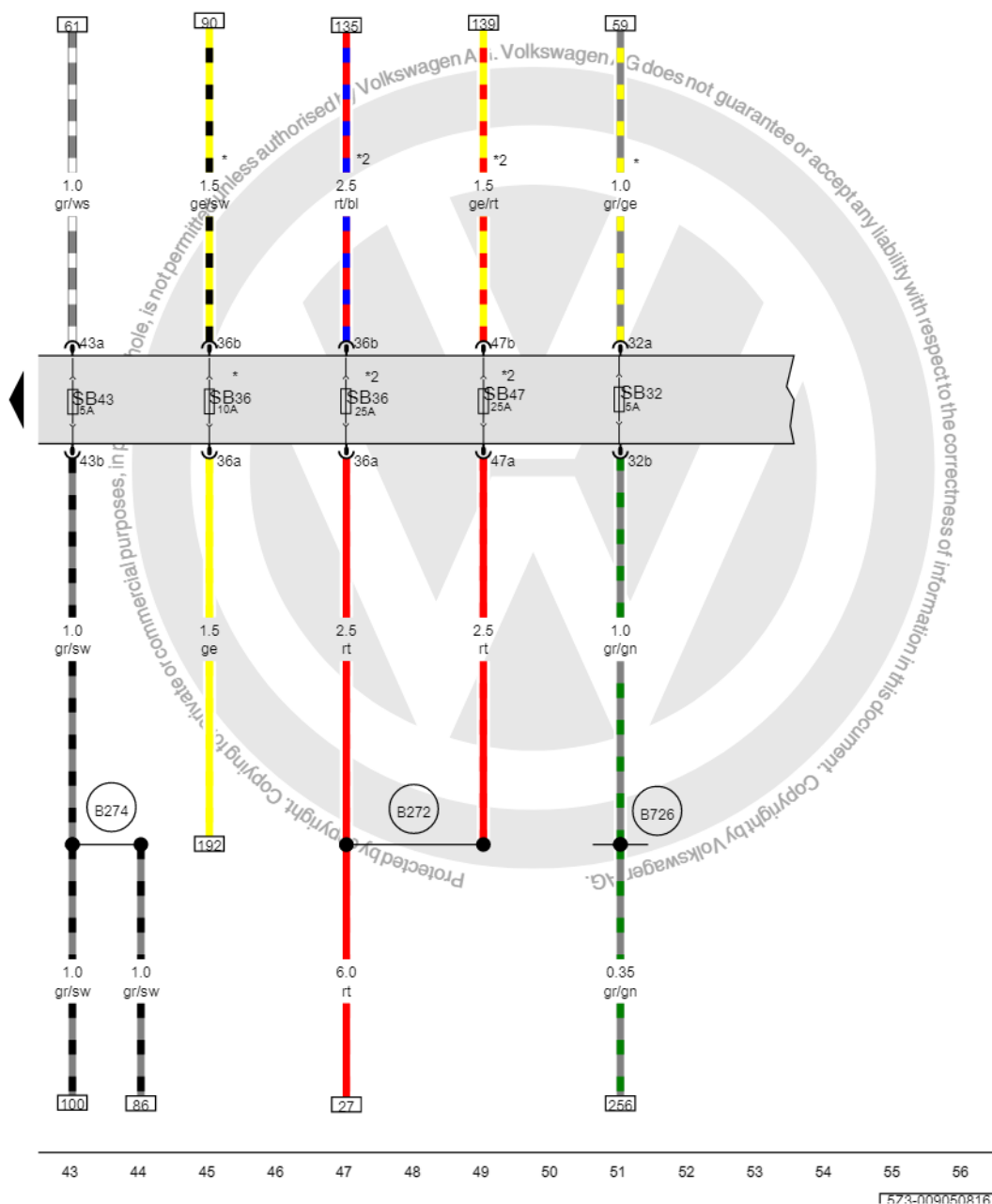
B272 Positive connection (30), in main wiring harness

B274 Positive connection (58L), in main wiring harness

B726 Positive connection 2 (58), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

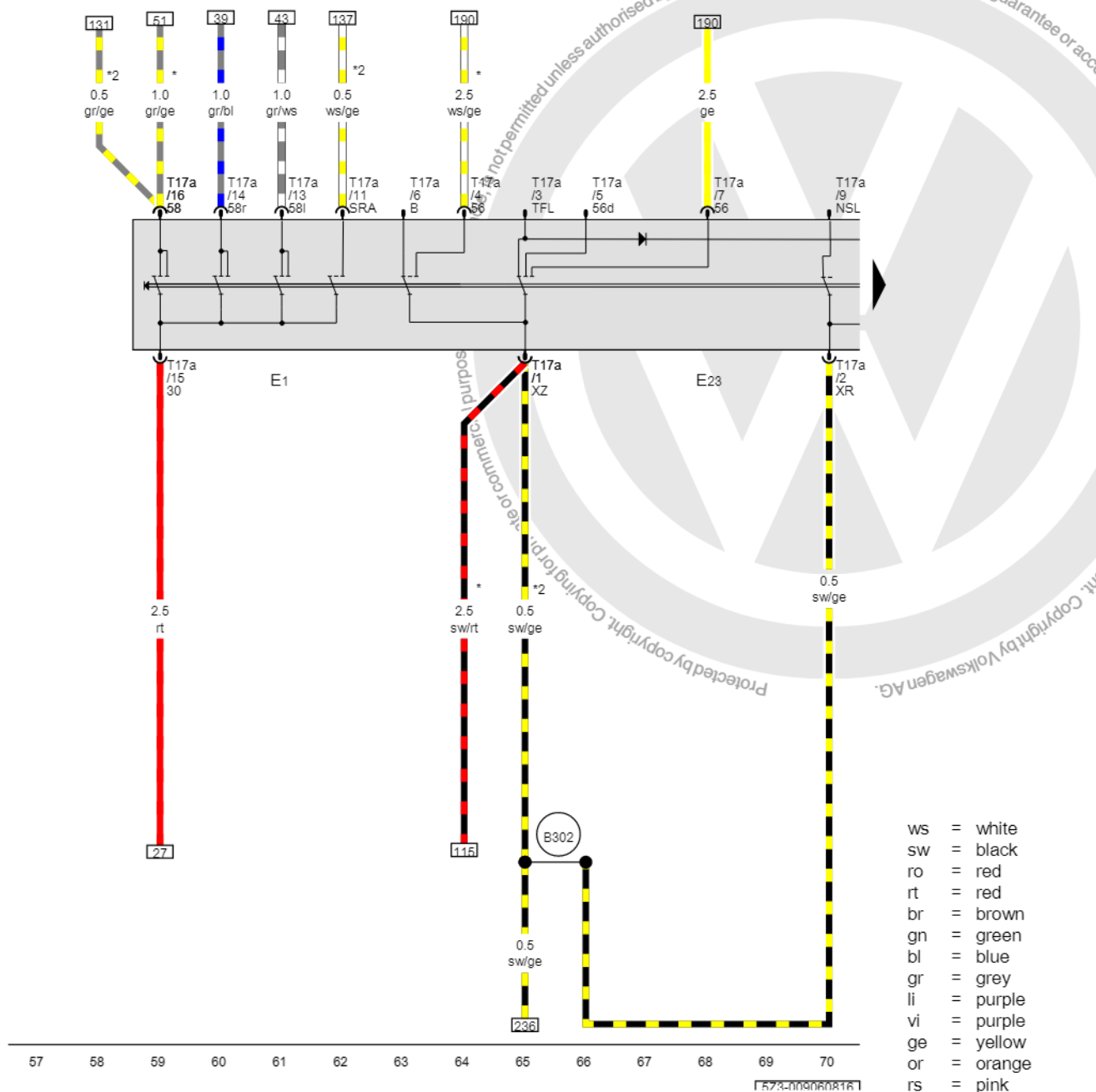


ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Light switch, Front and rear fog light switch

- E1 Light switch  
E23 Front and rear fog light switch  
T17a 17-pin connector  
B302 Positive connection 6 (30), in main wiring harness

\* Only models with onboard supply control unit BFM  
\*2 Only models with onboard supply control unit BCM



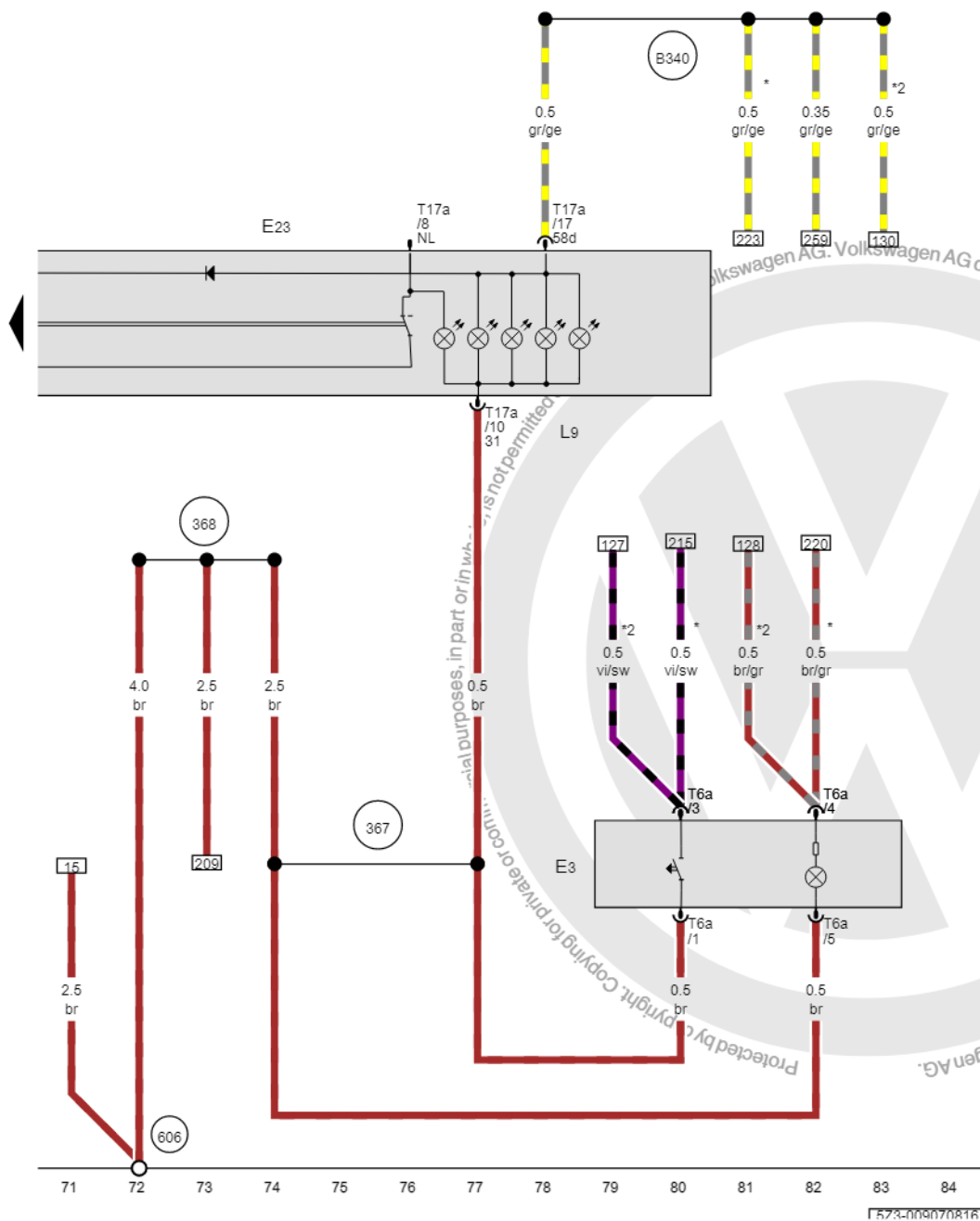
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ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Hazard warning light switch, Front and rear fog light switch,  
Light switch illumination bulb

- E3 Hazard warning light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T6a 6-pin connector
- T17a 17-pin connector

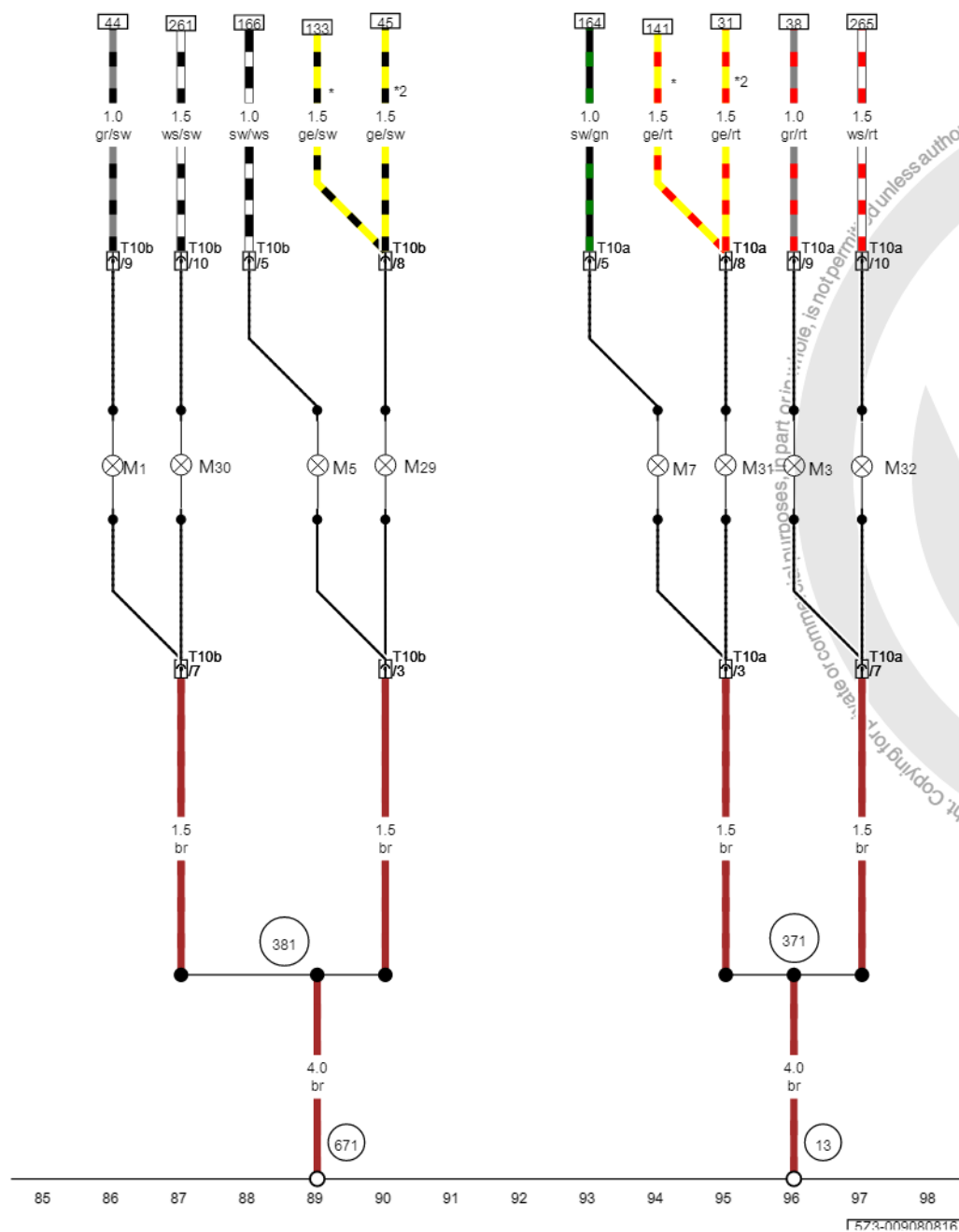
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

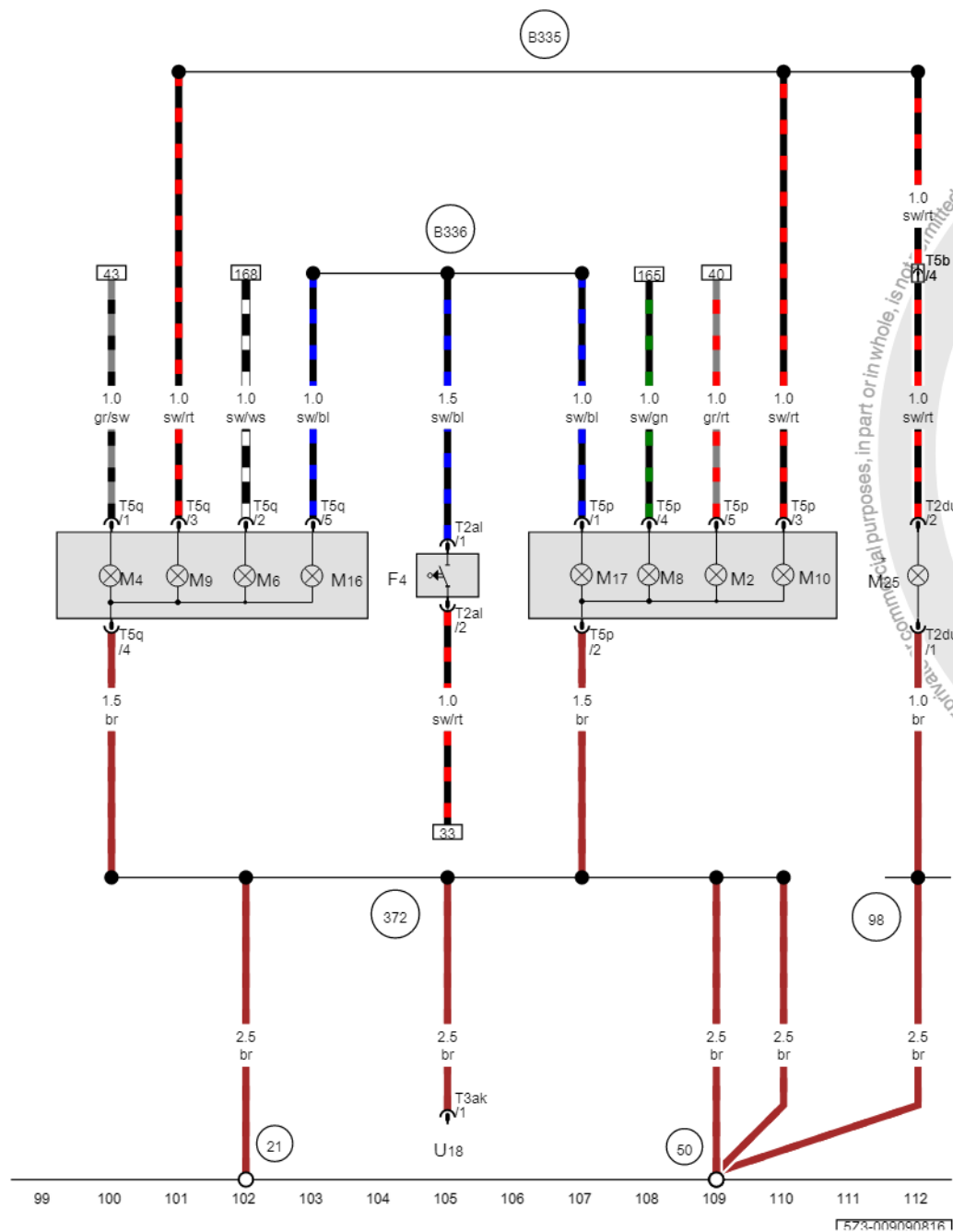


- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM





Reversing light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb

- F4 Reversing light switch
- M2 Right tail light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M25 High-level brake light bulb
- T2al 2-pin connector
- T2du 2-pin connector
- T3ak 3-pin connector
- T5b 5-pin connector, behind rear left side trim, near wheel arch
- T5p 5-pin connector
- T5q 5-pin connector
- U18 12 V socket 2

- 21 Earth point, near fuel pump
- 50 Earth point, on left in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 372 Earth connection 7, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- \* Only models with 4-doors

ws = white  
 sw = black  
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 vi = purple  
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 rs = pink

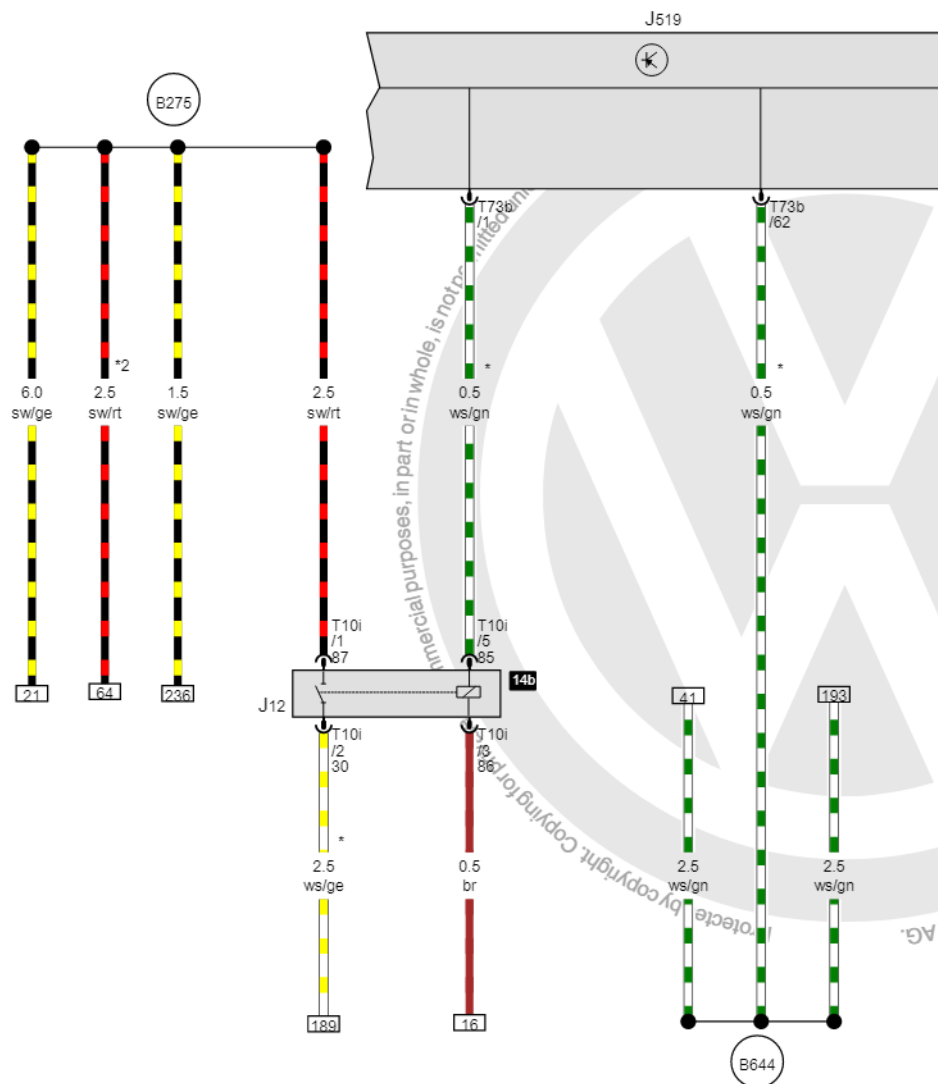
Headlight main beam relay, Onboard supply control unit

J12 Headlight main beam relay  
J519 Onboard supply control unit  
T10i 10-pin connector  
T73b 73-pin connector

B275 Positive connection (87), in main wiring harness

B644 Connection 3 (56a), in main wiring harness

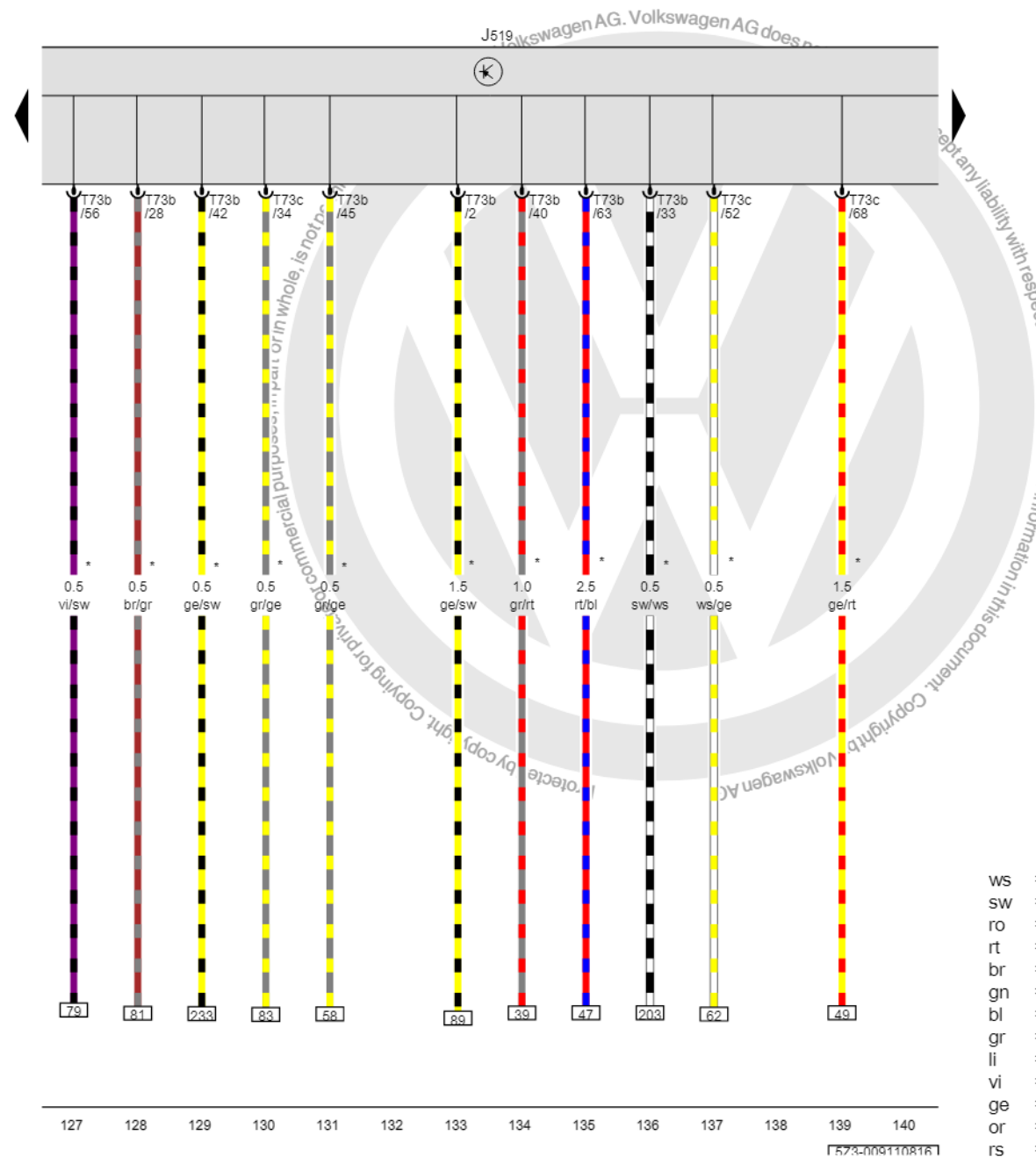
\* Only models with onboard supply control unit BCM  
\*2 Only models with onboard supply control unit BFM

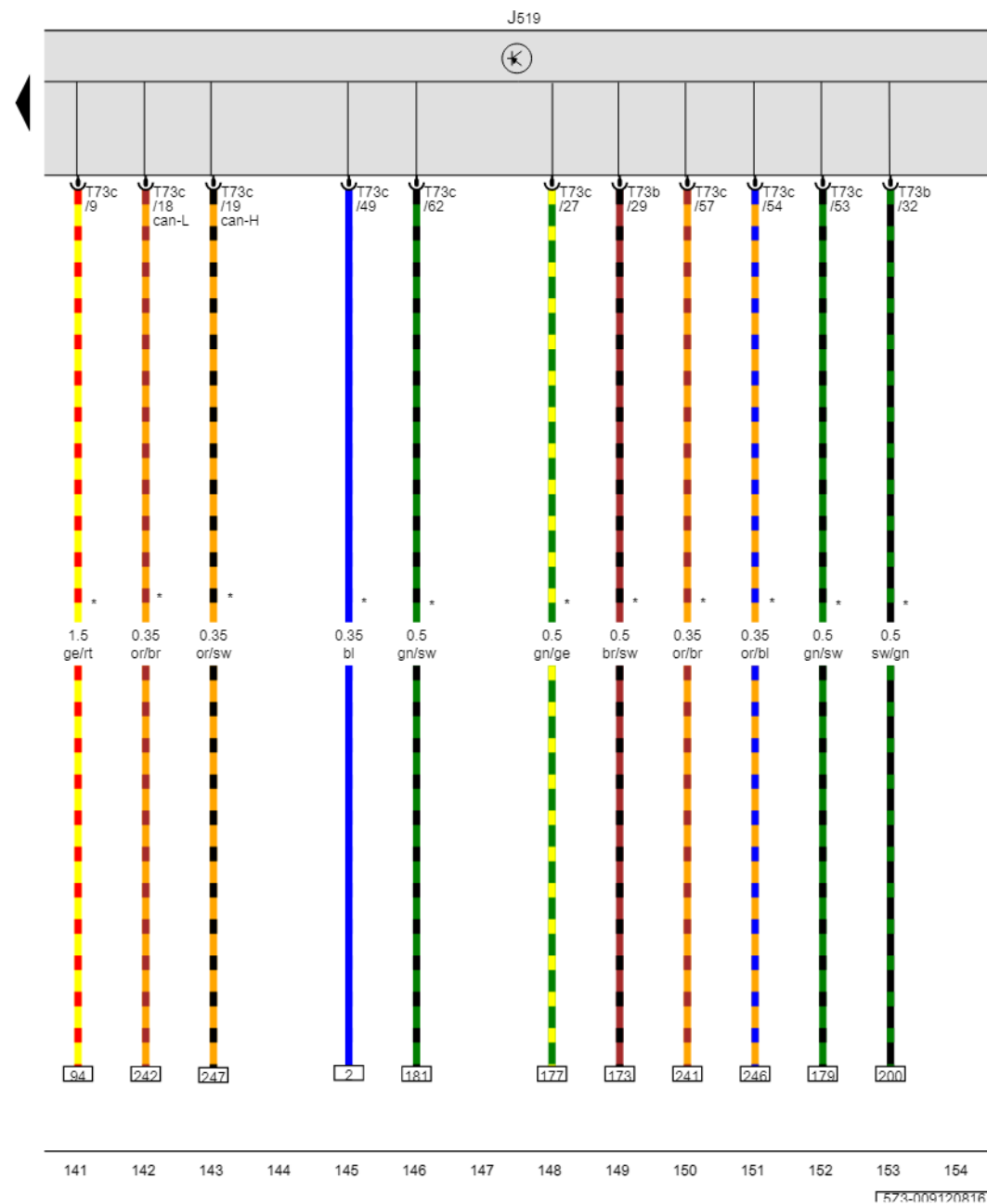


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ro = red  
rt = red  
br = brown  
gn = green  
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gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

# Onboard supply control unit

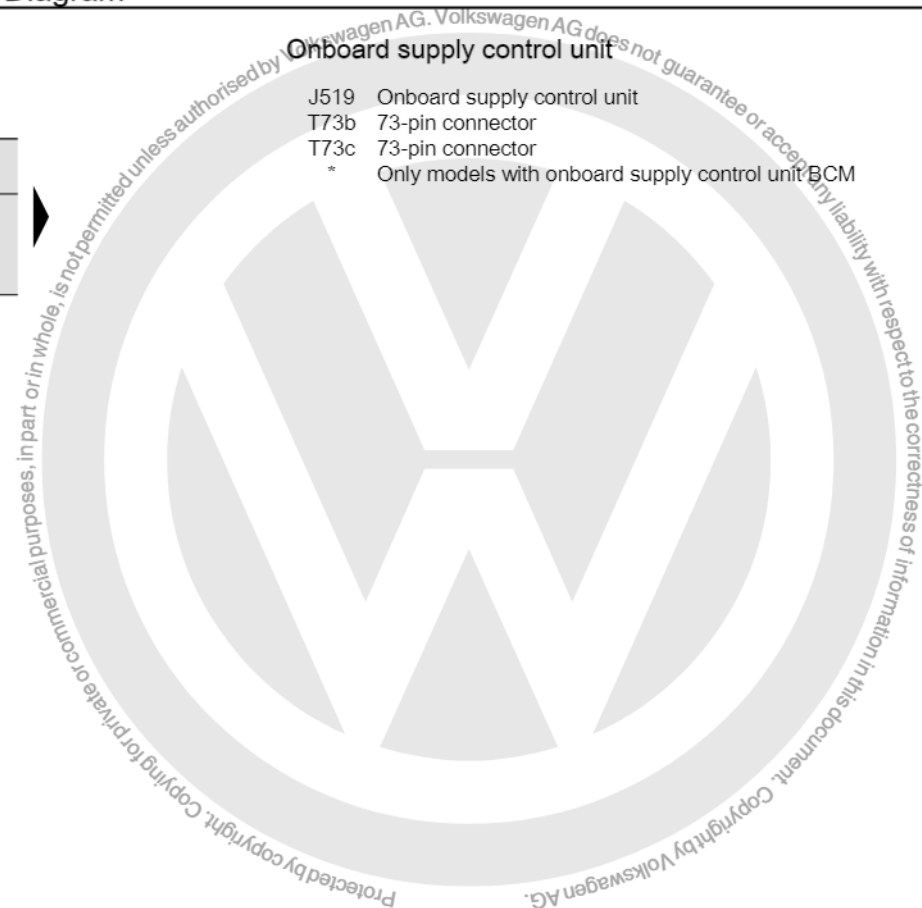
- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM





# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM



# Onboard supply control unit

J519 Onboard supply control unit

T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

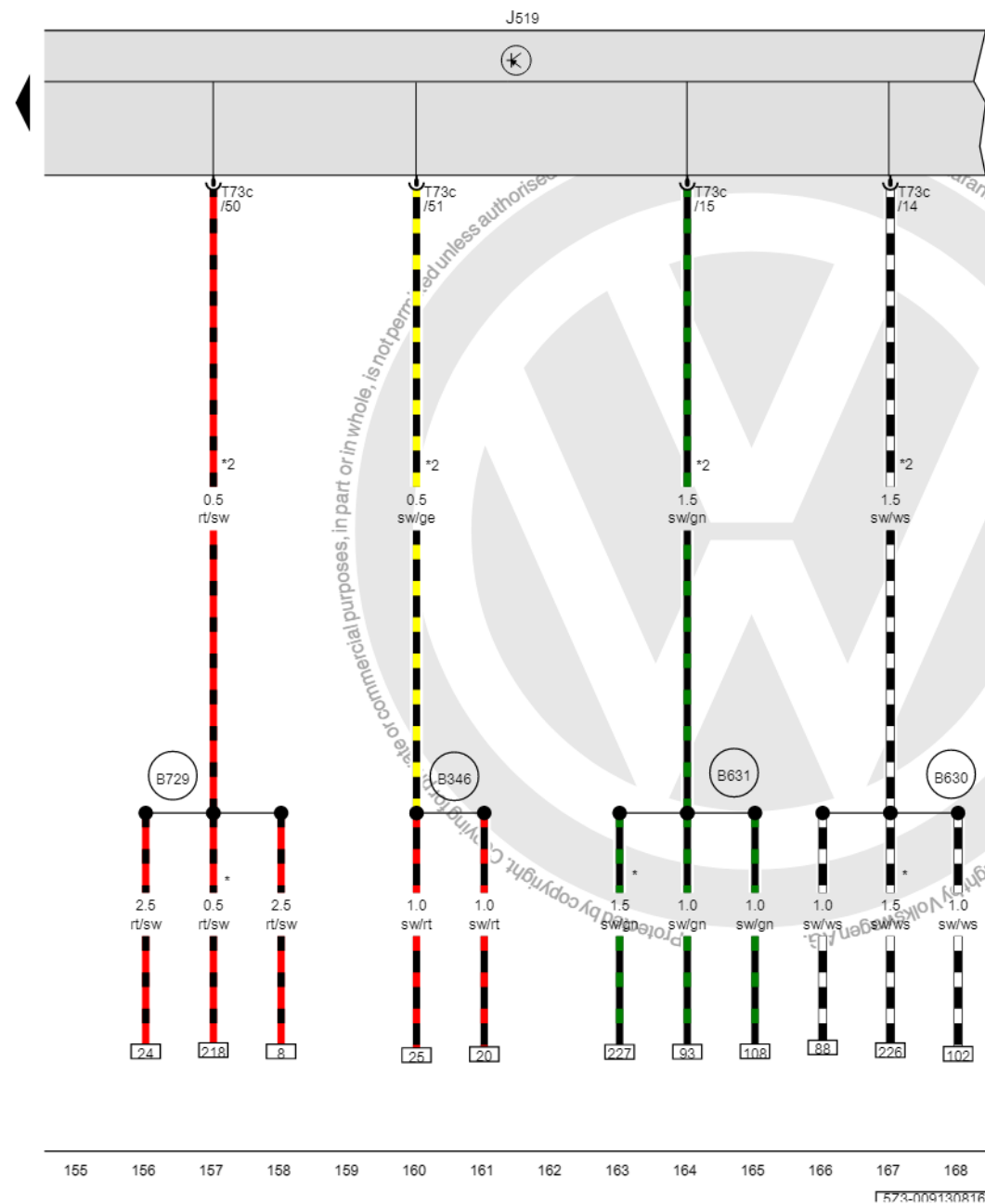
B630 Positive connection (left turn signal bulb), in main wiring harness

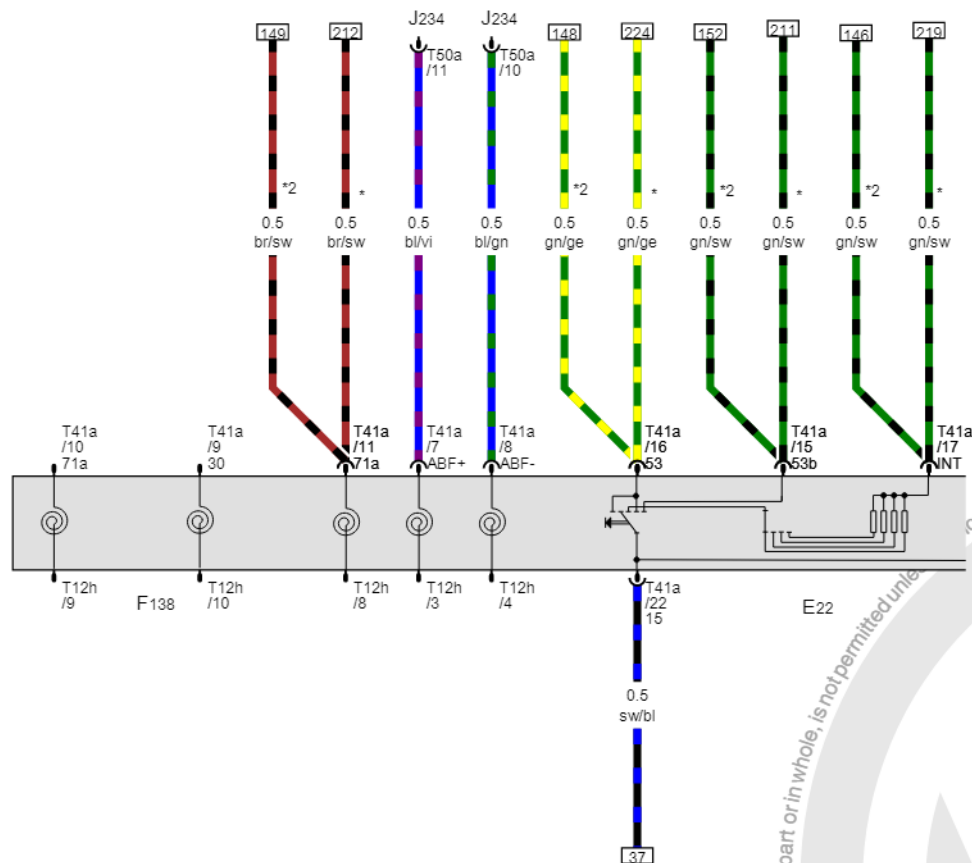
B631 Positive connection (right turn signal bulb), in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM



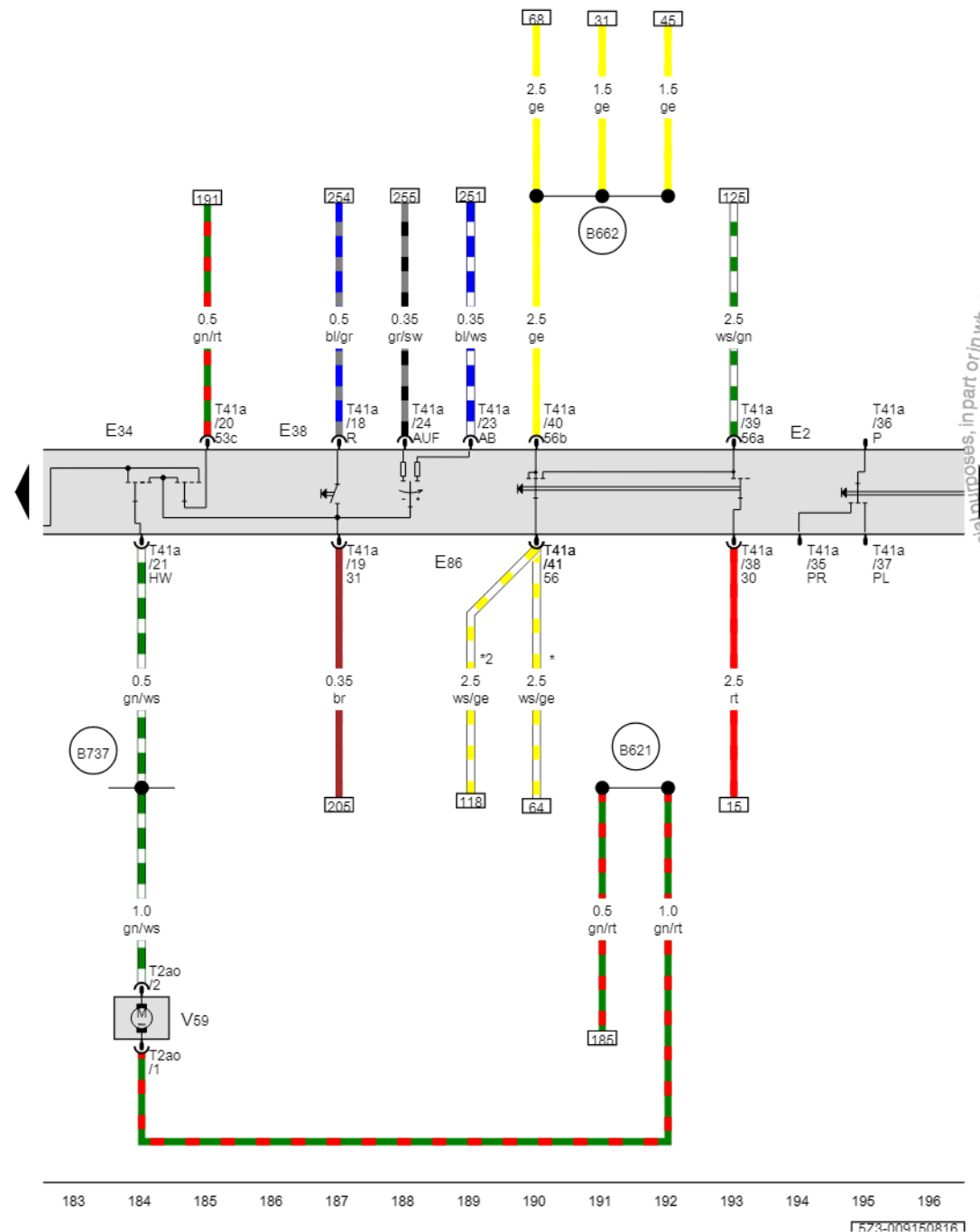


Intermittent wiper switch, Airbag coil connector and return ring with slip ring

- E22 Intermittent wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- T41a 41-pin connector
- T50a 50-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Turn signal switch, Rear wiper switch, Intermittent wiper regulator, Multifunction display call-up button, Windscreen and rear window washer pump

- E2 Turn signal switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- T2ao 2-pin connector
- T41a 41-pin connector
- V59 Windscreen and rear window washer pump
- B621 Connection 1 (53c), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
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 li = purple  
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 ge = yellow  
 or = orange  
 rs = pink

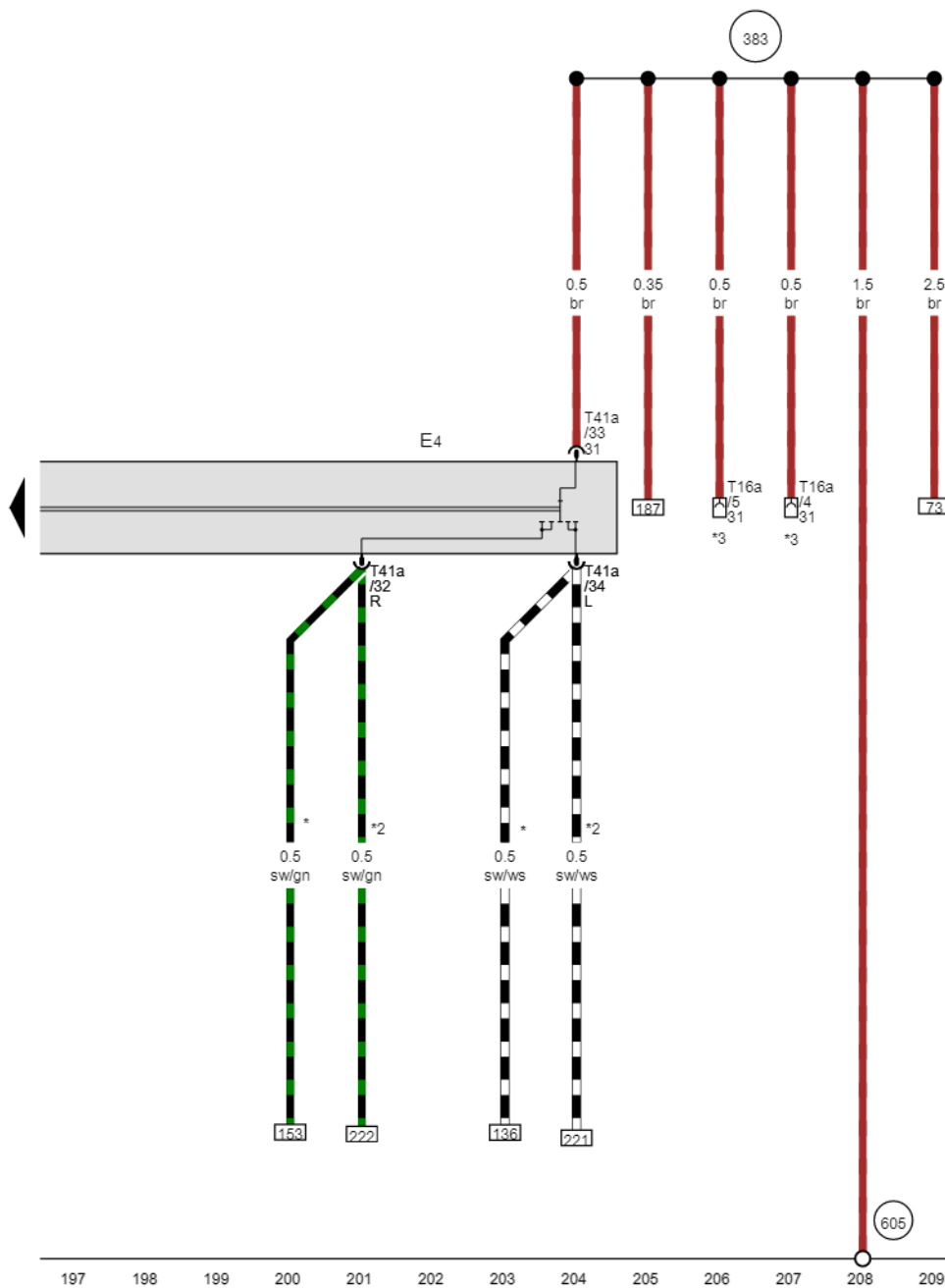
# Headlight dipper and flasher switch

E4 Headlight dipper and flasher switch  
T16a 16-pin connector  
T41a 41-pin connector

383 Earth connection 18, in main wiring harness

605 Earth point, on top end of steering column

\* Only models with onboard supply control unit BCM  
\*2 Only models with onboard supply control unit BFM  
\*3 Diagnostic connection



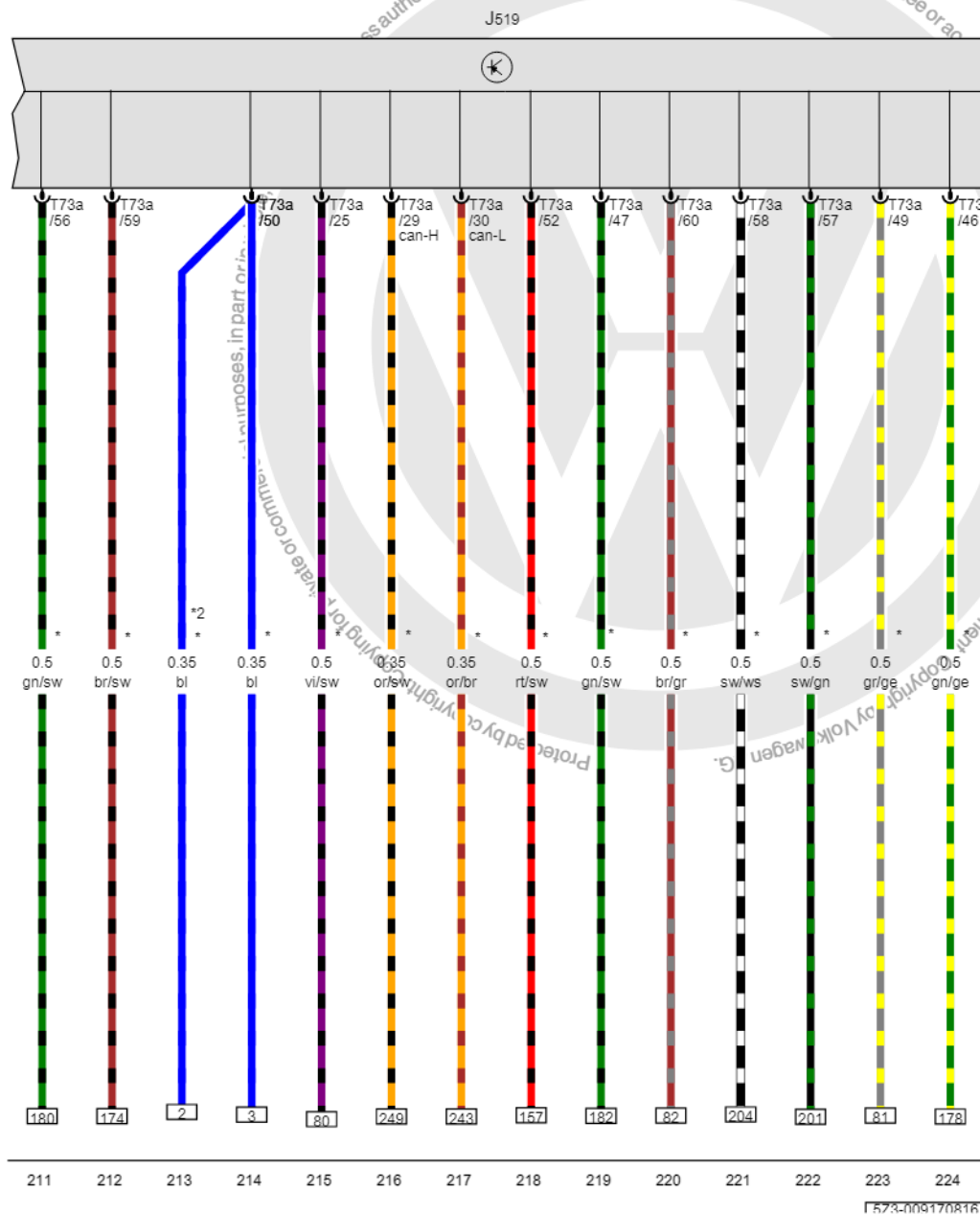
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li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

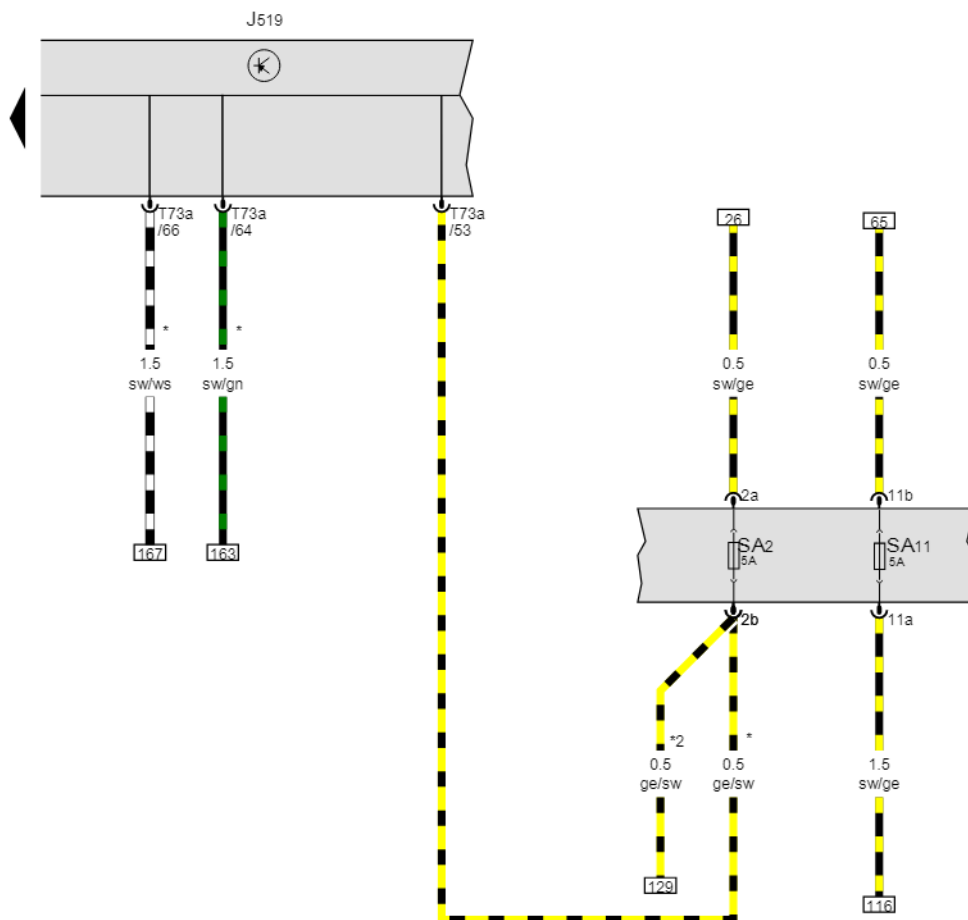
1573-000160816

# Onboard supply control unit

- J519 Onboard supply control unit
- T73a 73-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with BlueMotion equipment



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

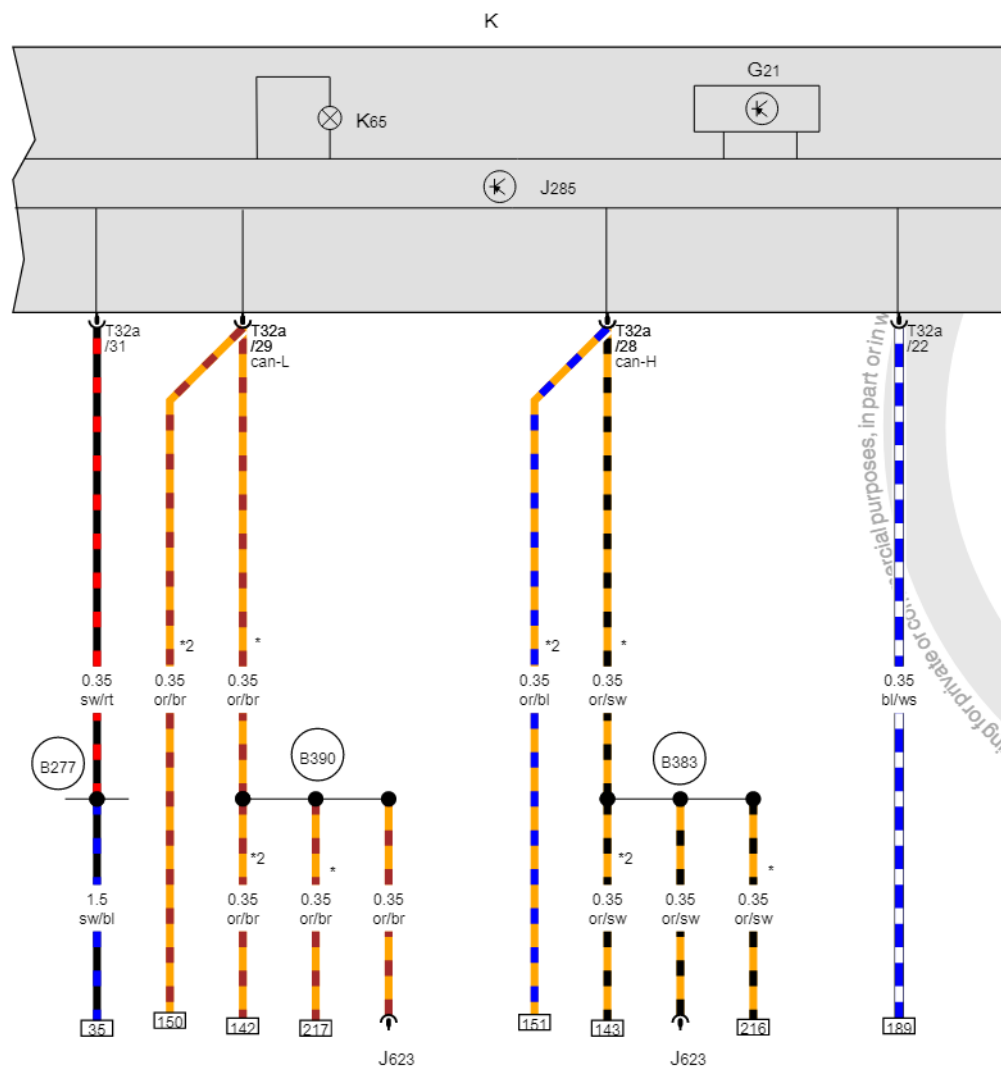


# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA11 Fuse 11 in fuse holder A
- T73a 73-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
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 or = orange  
 rs = pink

Speedometer, Control unit in dash panel insert, Dash panel insert, Left turn signal warning lamp

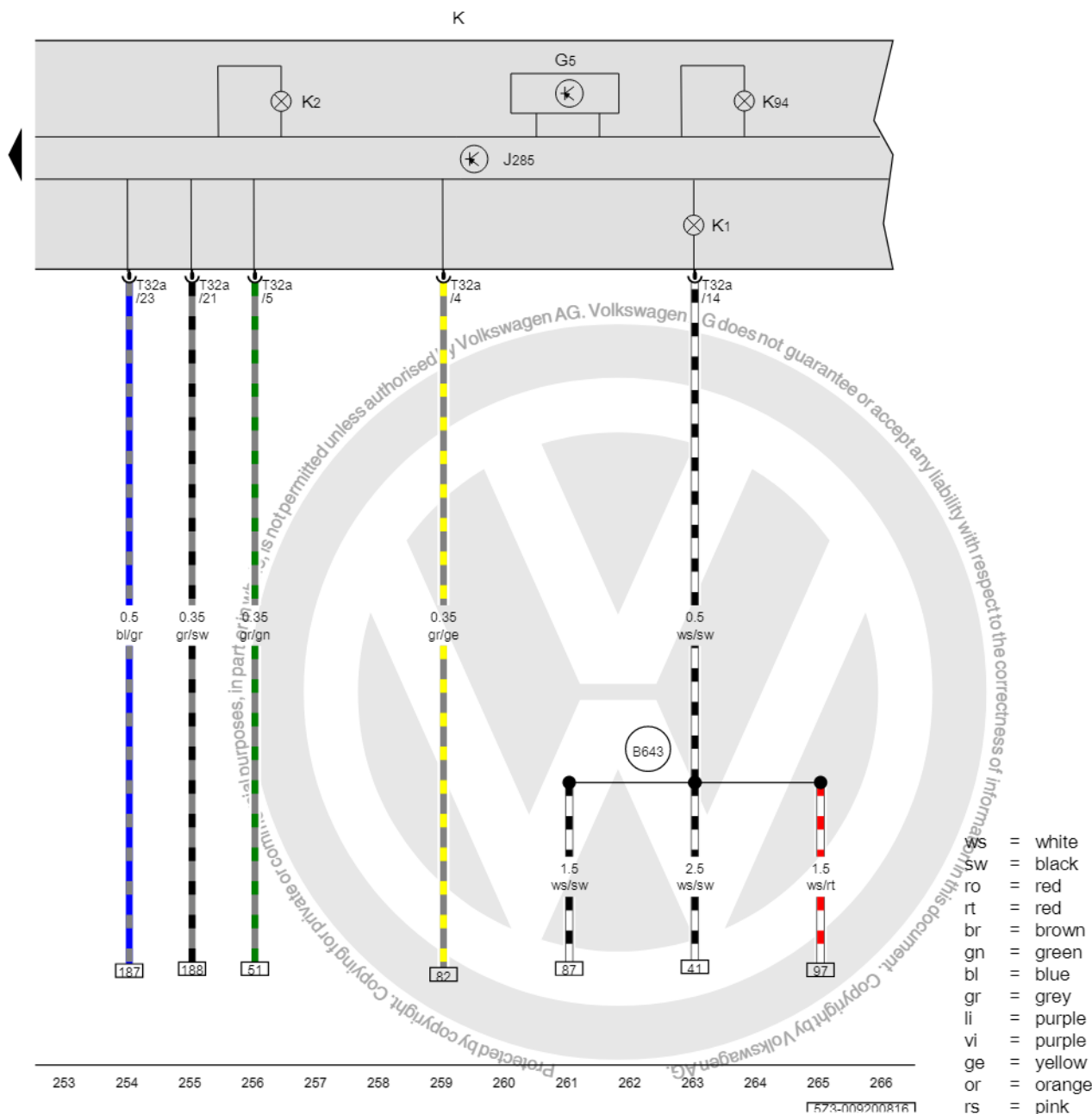


- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- T32a 32-pin connector
- (B277) Positive connection 1 (15a) in main wiring harness
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Right turn signal warning lamp

- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K94 Right turn signal warning lamp
- T32a 32-pin connector
- B643 Connection 2 (56a), in main wiring harness

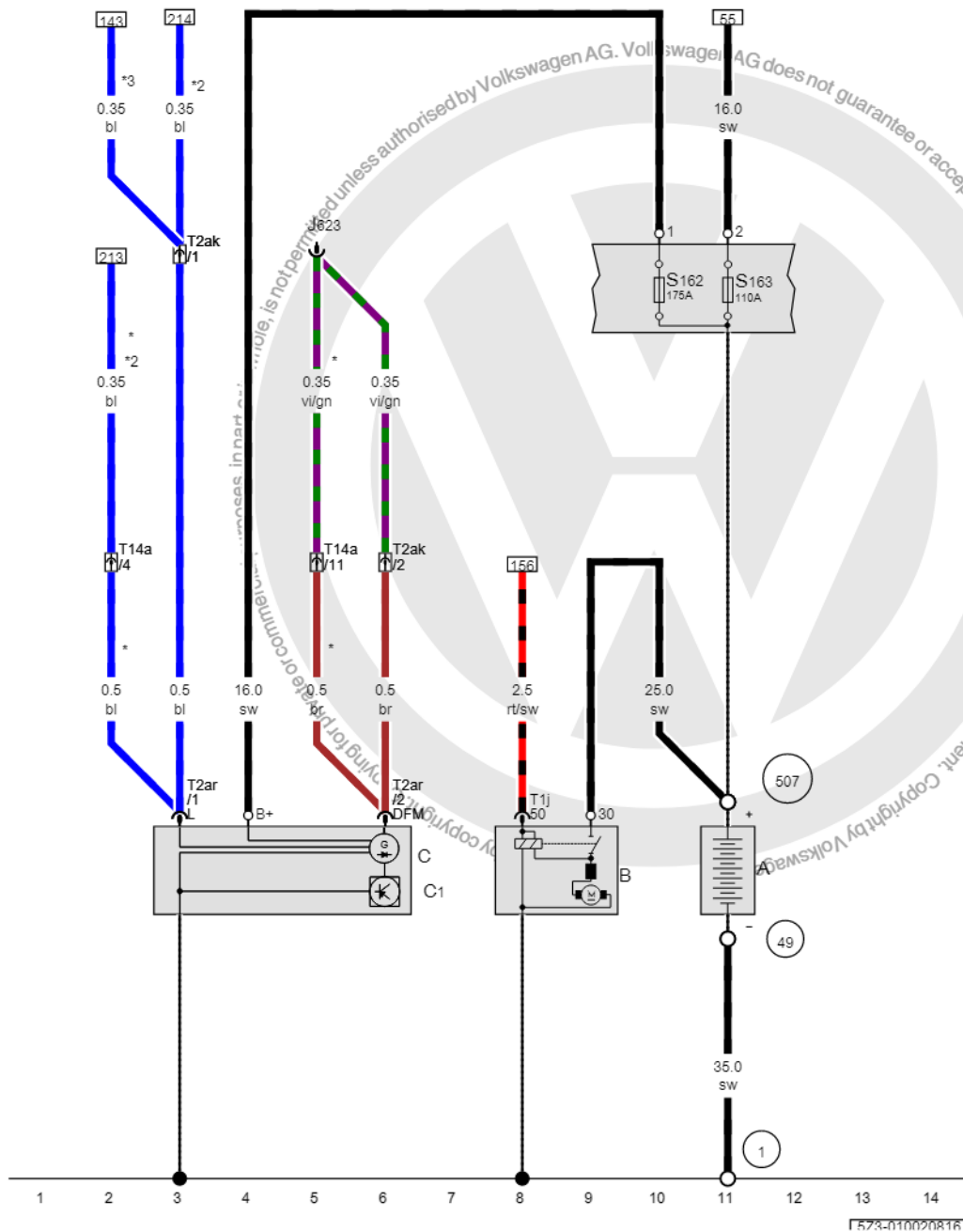


## Coming home

From April 2013



Battery, Starter, Alternator, Voltage regulator



- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

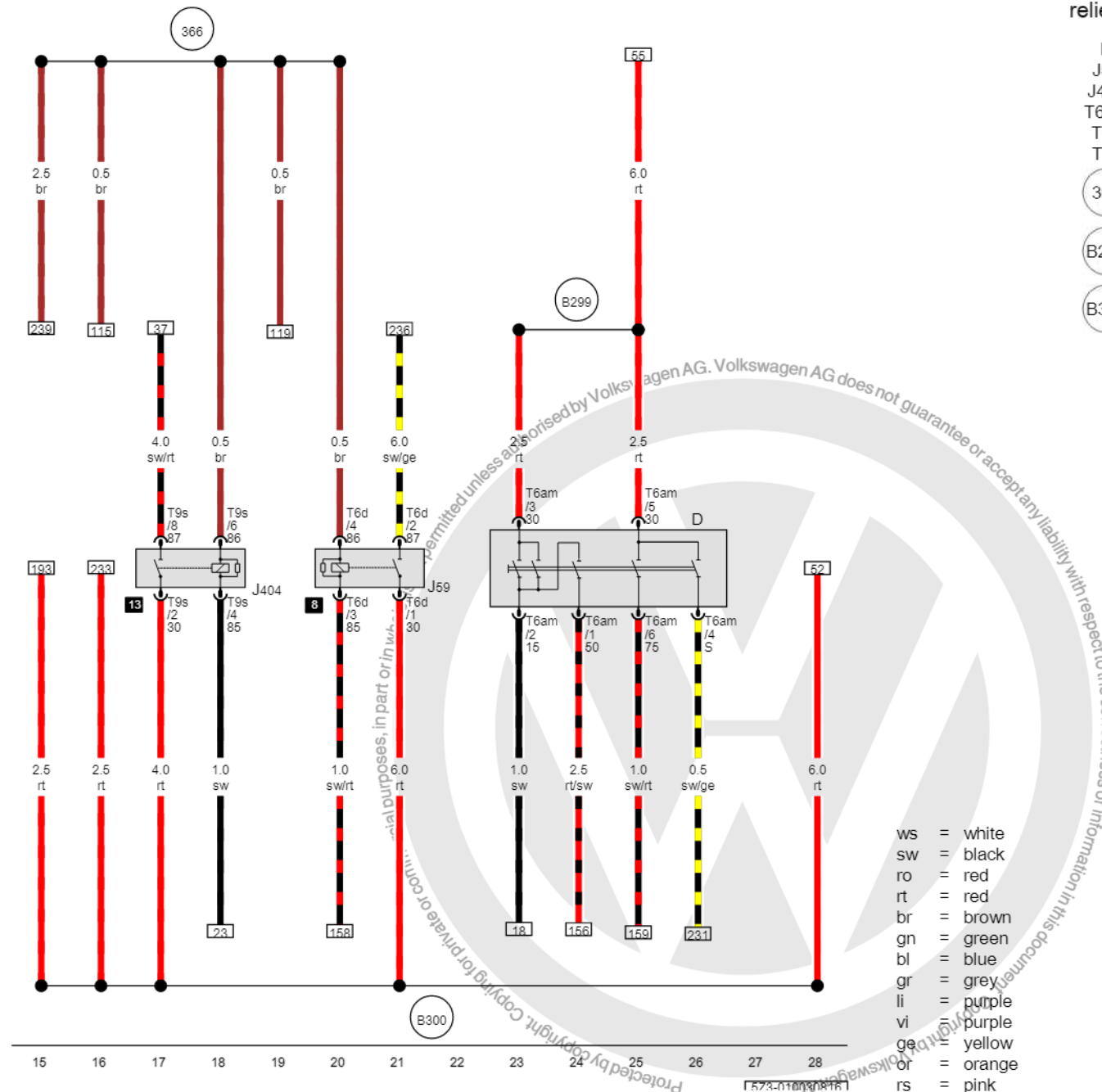
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 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- 366 Earth connection 1, in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness



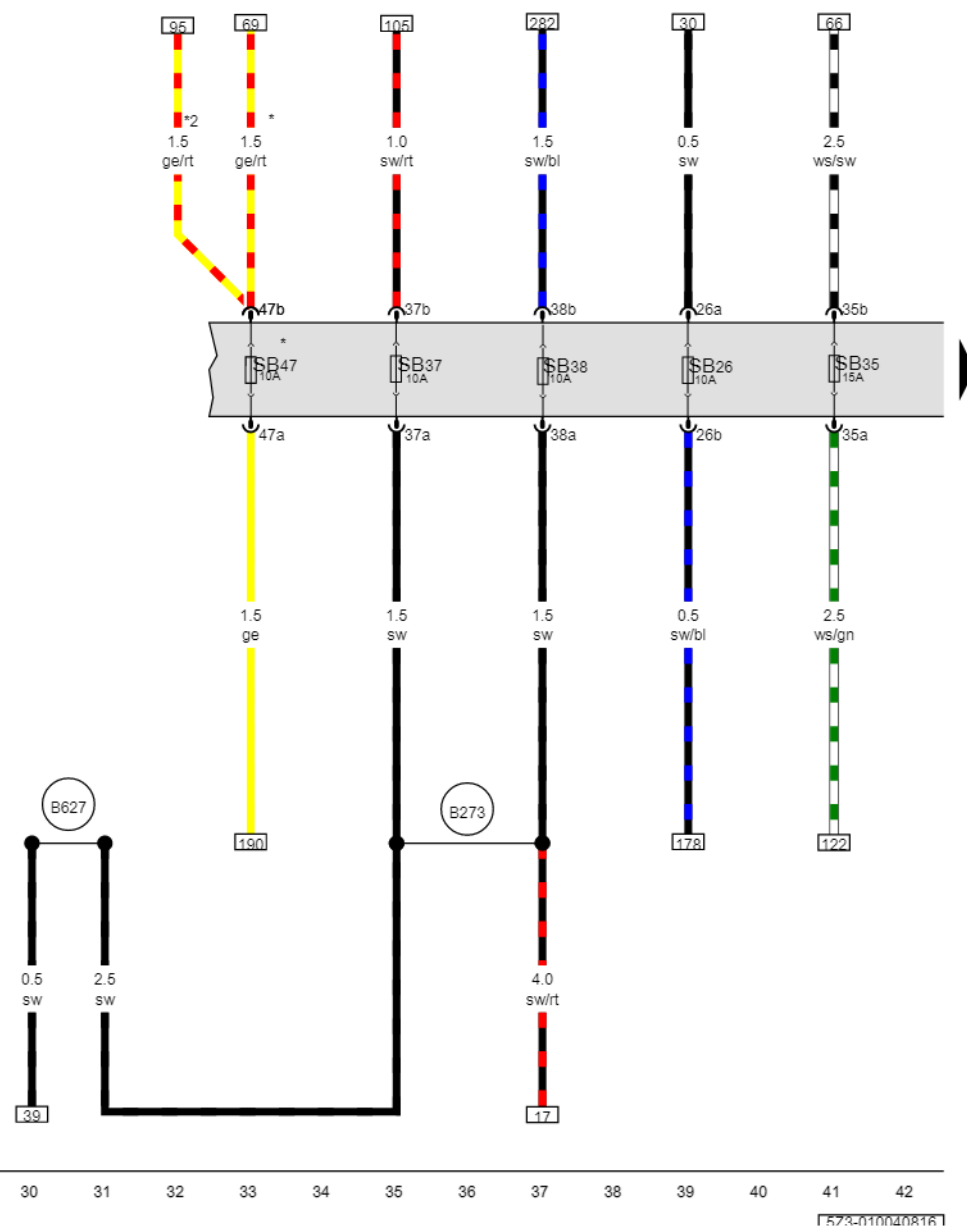
Fuse 26 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B, Fuse 47 on fuse holder B

SB26 Fuse 26 on fuse holder B  
SB35 Fuse 35 on fuse holder B  
SB37 Fuse 37 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB47 Fuse 47 on fuse holder B

B273 Positive connection (15), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

\*2 Only models with onboard supply control unit BFM  
Only models with dual headlights



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Fuse 36 on fuse holder B, Fuse 47 on fuse holder B

SB36 Fuse 36 on fuse holder B

SB47 Fuse 47 on fuse holder B

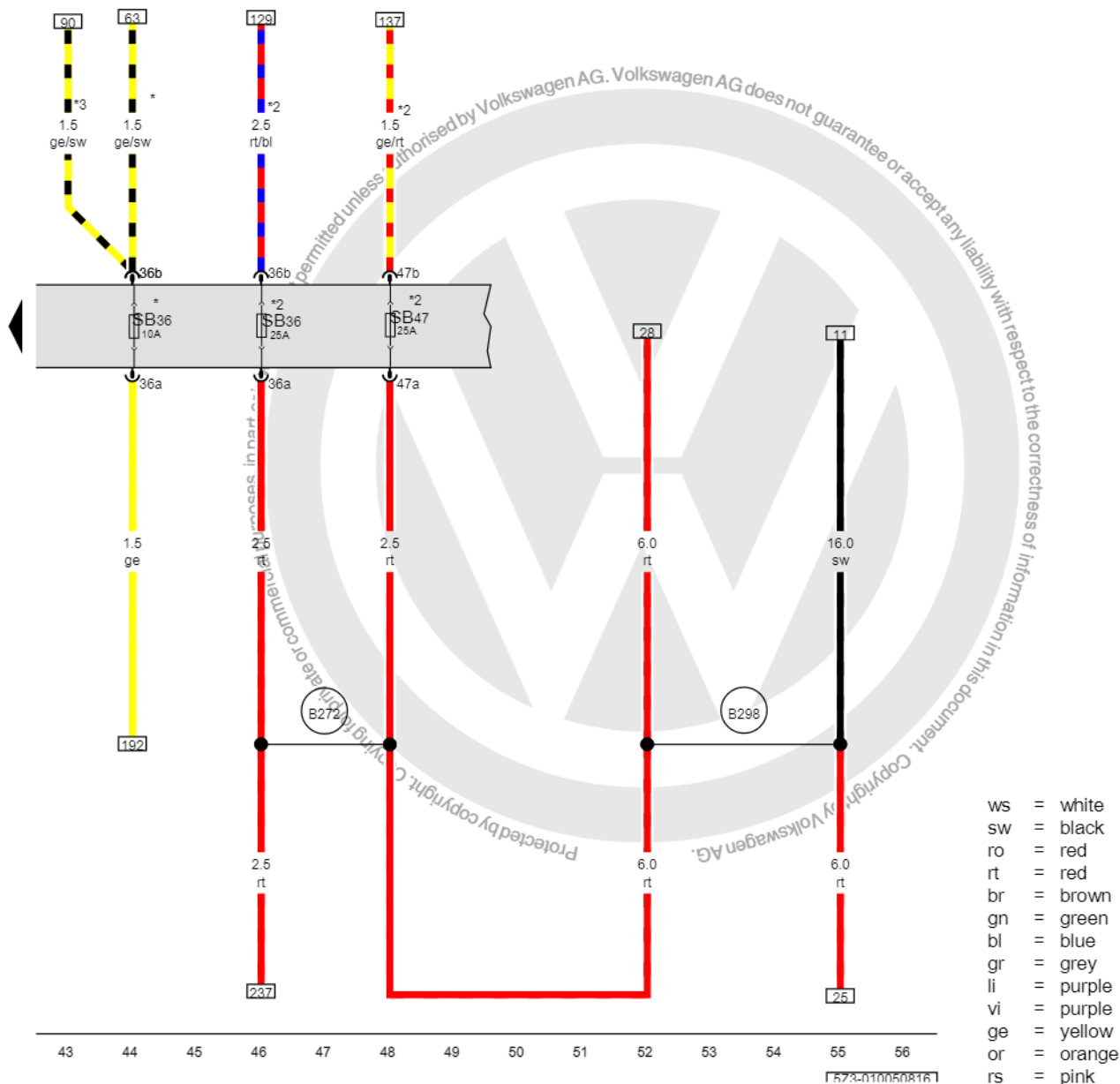
(B272) Positive connection (30), in main wiring harness

(B298) Positive connection 2 (30), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

\*3 Only models with dual headlights



Left headlight twin filament bulb, Right headlight twin filament bulb, Front left turn signal bulb

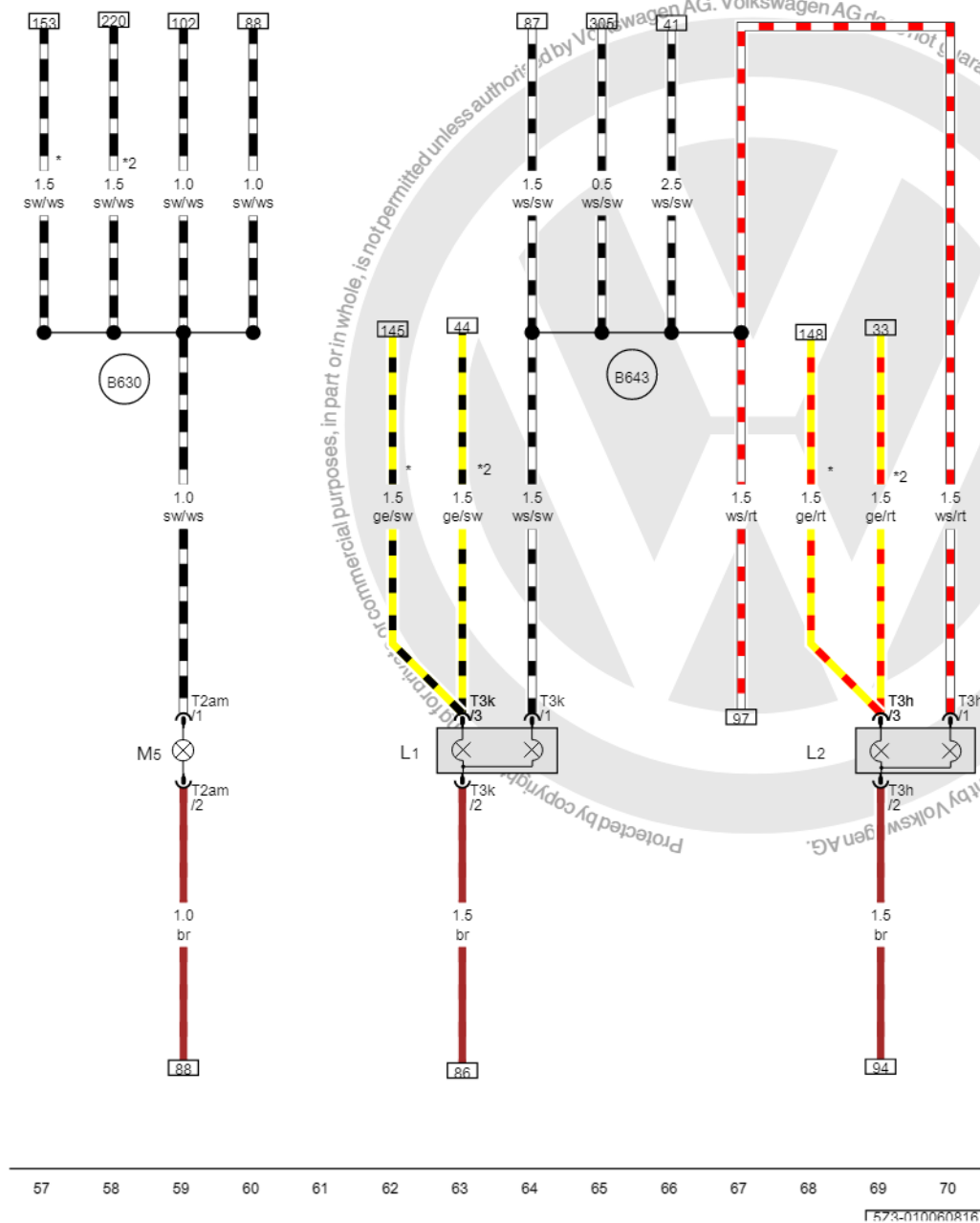
- L1 Left headlight twin filament bulb
- L2 Right headlight twin filament bulb
- M5 Front left turn signal bulb
- T2am 2-pin connector
- T3h 3-pin connector
- T3k 3-pin connector

B630 Positive connection (left turn signal bulb), in main wiring harness

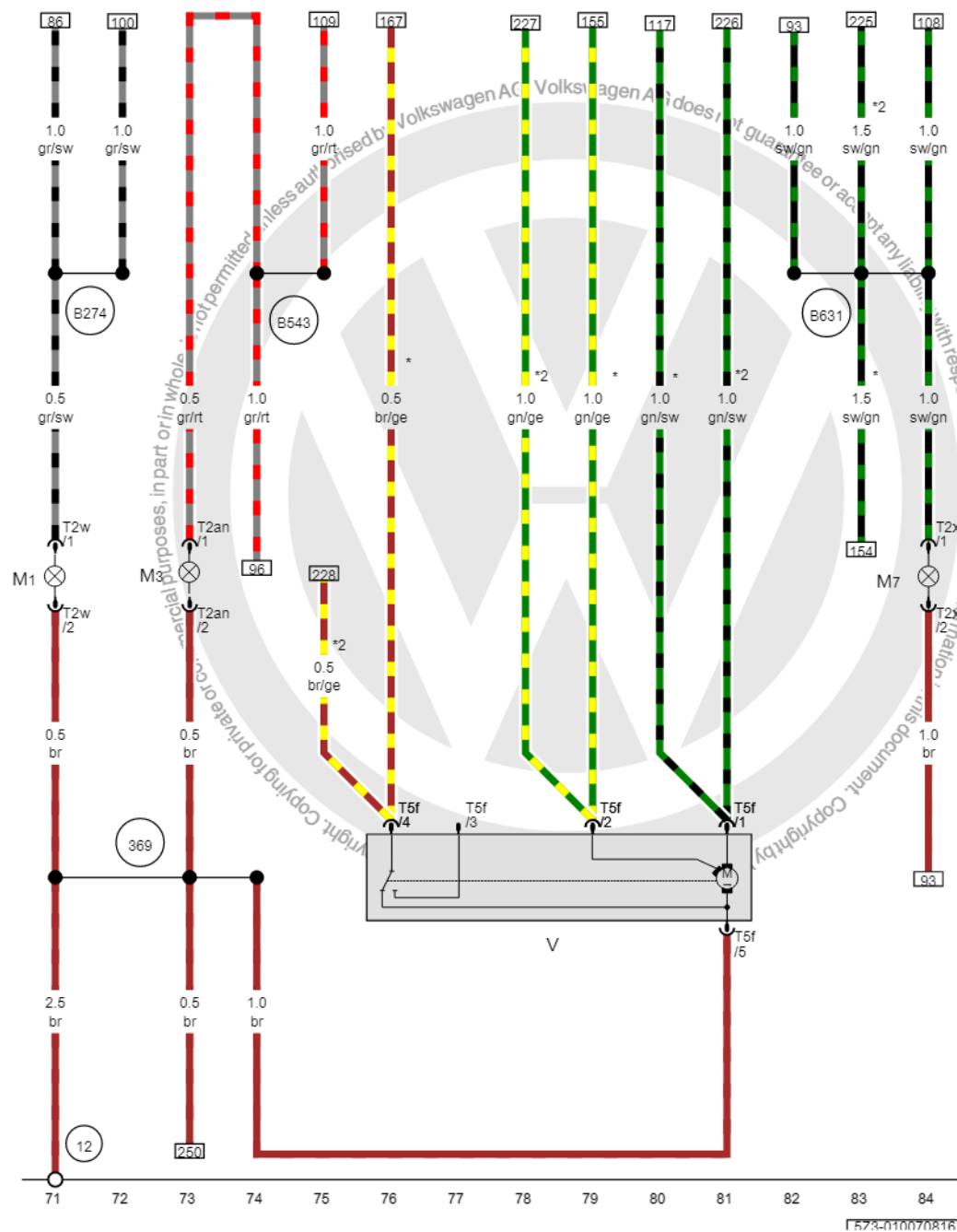
B643 Connection 2 (56a), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



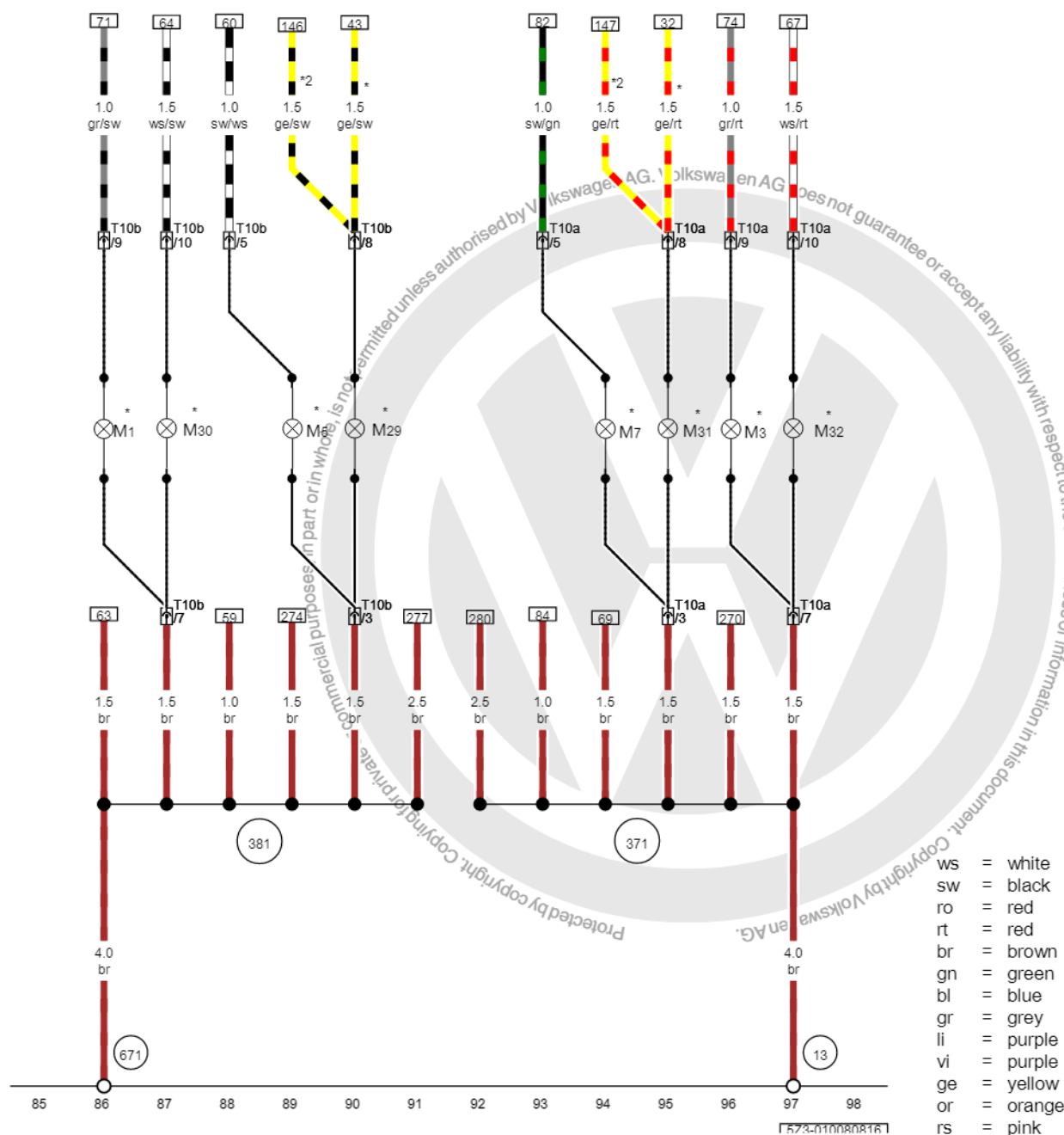
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Left side light bulb, Right side light bulb, Front right turn signal bulb, Windscreen wiper motor

- M1 Left side light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- T2an 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T5f 5-pin connector
- V Windscreen wiper motor
- 12 Earth point, on left in engine compartment
- 369 Earth connection 4, in main wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Left side light bulb, Right side light bulb, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- M1 Left side light bulb
- M3 Right side light bulb
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10a 10-pin connector
- T10b 10-pin connector
- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- \* Only models with dual headlights
- \*2 Only models with onboard supply control unit BCM

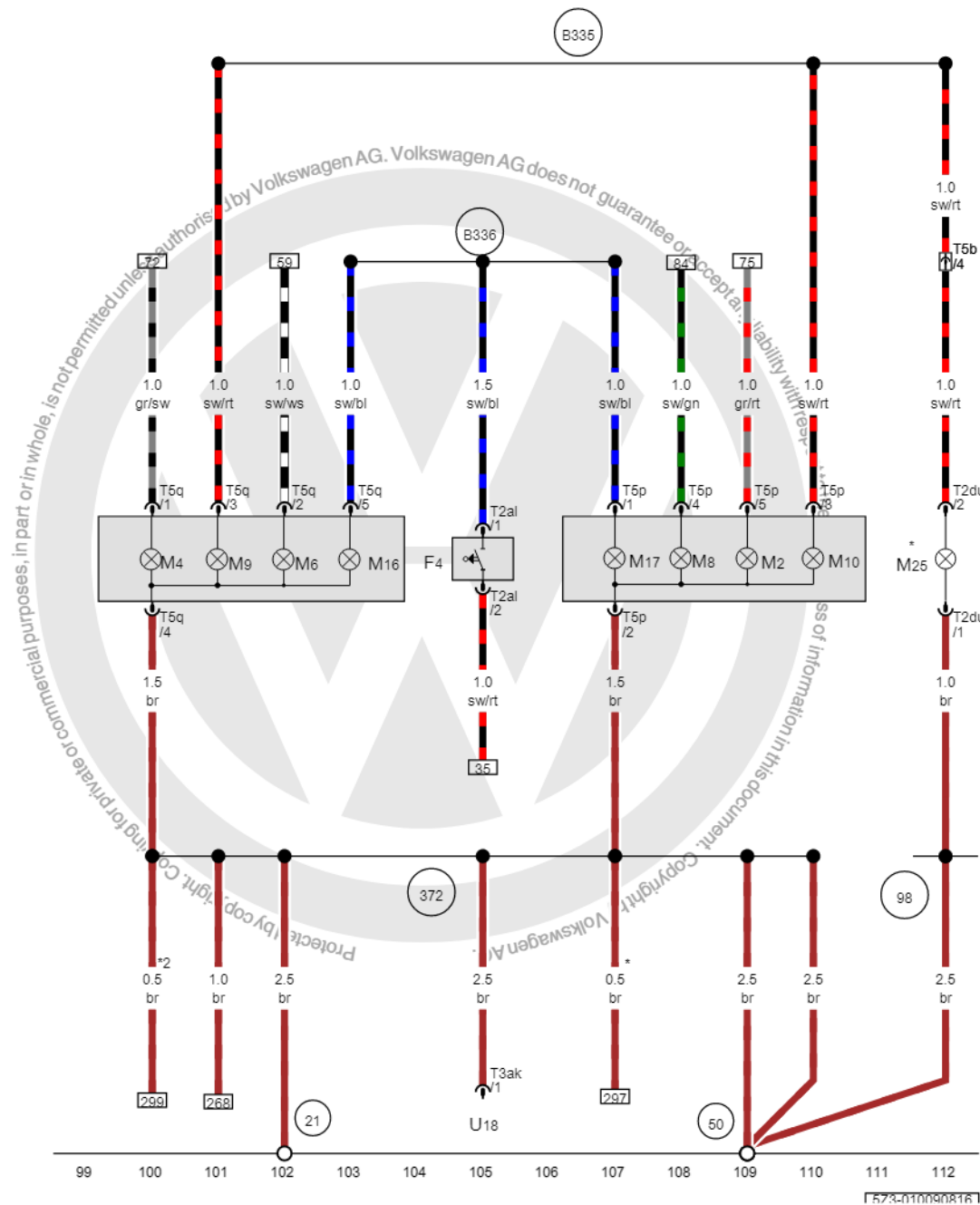
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 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Reversing light switch, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb

- |      |  |
|------|--|
| F4   | Reversing light switch                                       |
| M2   | Right tail light bulb  |
| M4   | Left tail light bulb   |
| M6   | Rear left turn signal bulb                                   |
| M8   | Rear right turn signal bulb                                  |
| M9   | Left brake light bulb  |
| M10  | Right brake light bulb                                       |
| M16  | Left reversing light bulb                                    |
| M17  | Right reversing light bulb                                   |
| M25  | High-level brake light bulb                                  |
| T2al | 2-pin connector  |
| T2du | 2-pin connector  |
| T3ak | 3-pin connector  |
| T5b  | 5-pin connector, behind rear left side trim, near wheel arch |
| T5p  | 5-pin connector  |
| T5q  | 5-pin connector  |
| U18  | 12 V socket 2  |

- |      |  |
|------|--|
| 21   | Earth point, near fuel pump                  |
| 50   | Earth point, on left in luggage compartment  |
| 98   | Earth connection, in rear lid wiring harness |
| 372  | Earth connection 7, in main wiring harness   |
| B335 | Connection 1 (54), in main wiring harness    |
| B336 | Connection 2 (54), in main wiring harness    |
| *    | Only models with 4-doors                     |
| *2   | Only CROSS models                            |

- ws = white  
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gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink



Headlight main beam relay, Onboard supply control unit,  
Headlight main beam relay 2

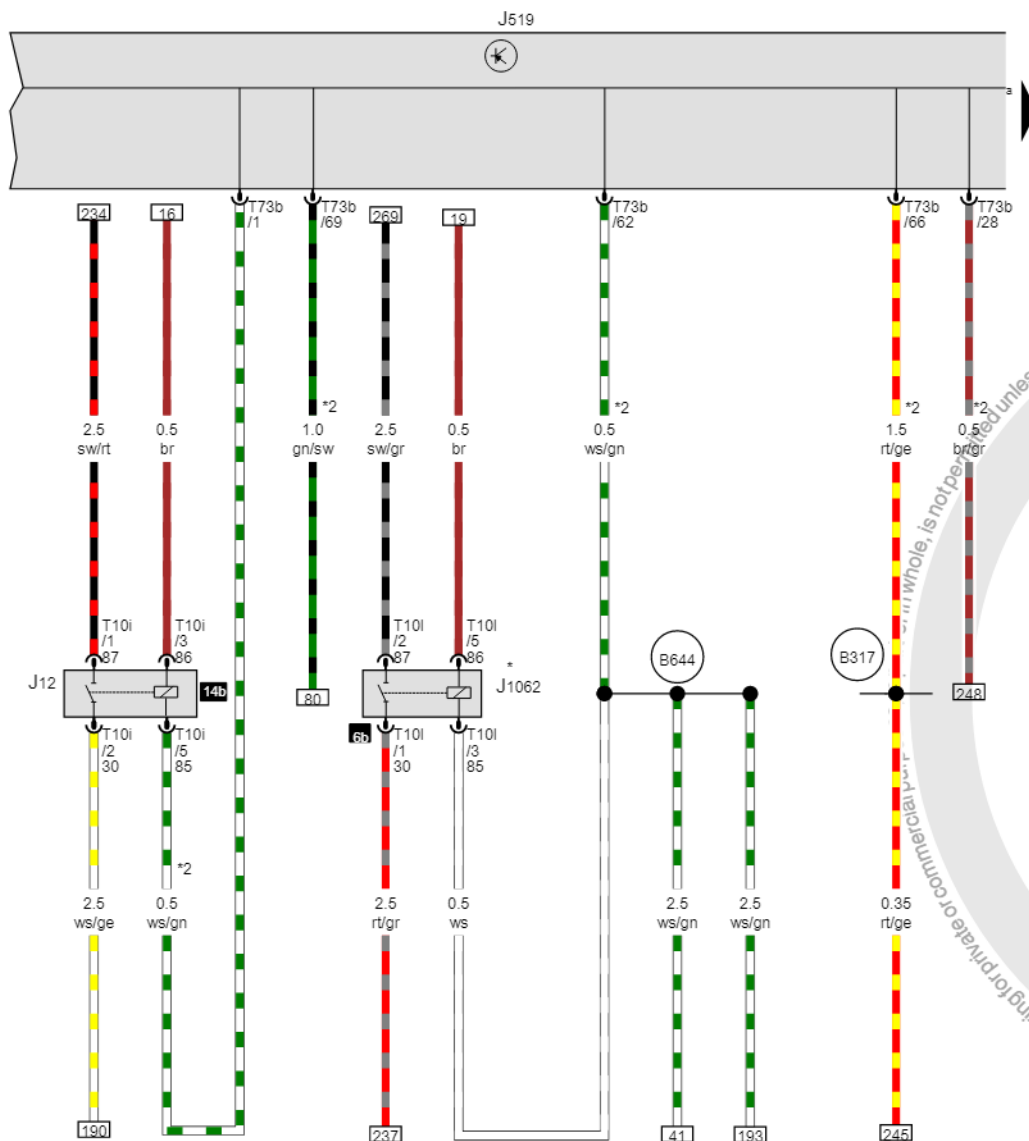
- J12 Headlight main beam relay
- J519 Onboard supply control unit
- J1062 Headlight main beam relay 2
- T10i 10-pin connector
- T10l 10-pin connector
- T73b 73-pin connector

B317 Positive connection 3 (30a) in main wiring harness

B644 Connection 3 (56a), in main wiring harness

\* Only CROSS models

\*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

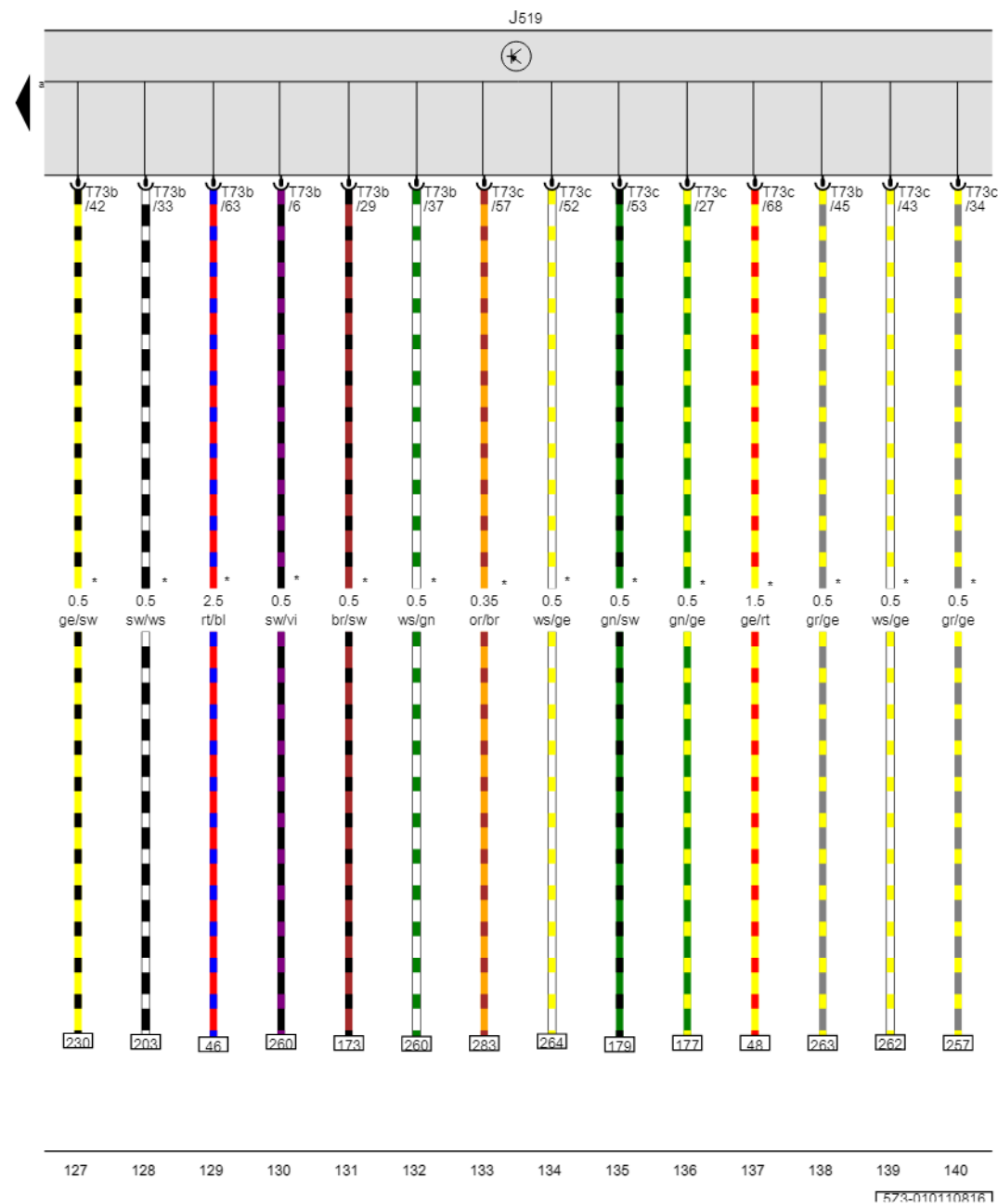
113 114 115 116 117 118 119 120 121 122 123 124 125 126

1573-010100816

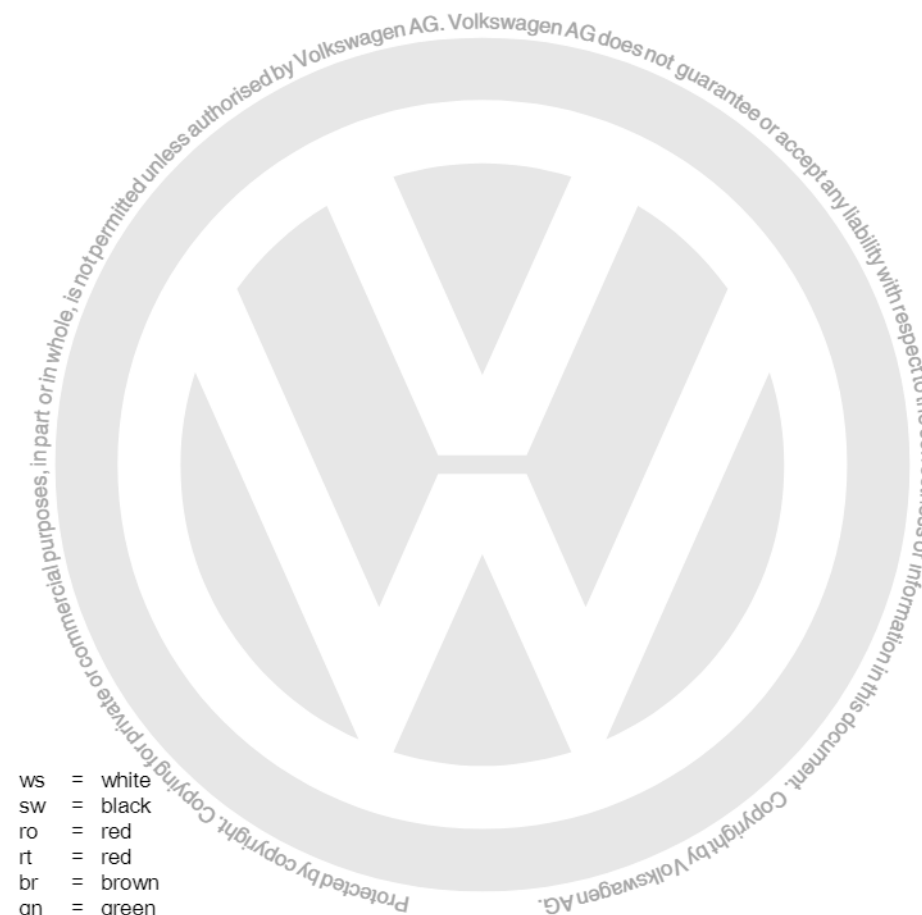


# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM

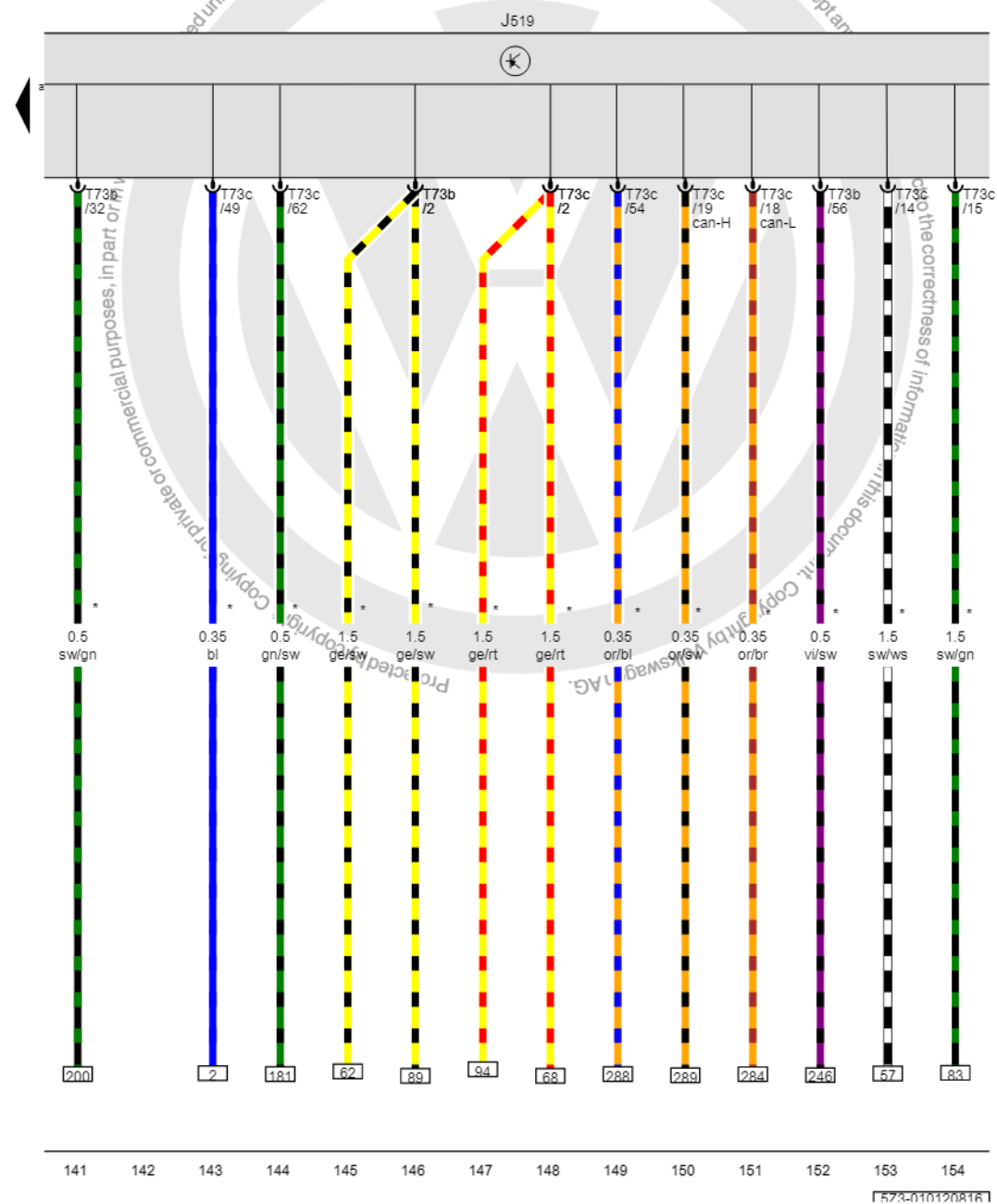


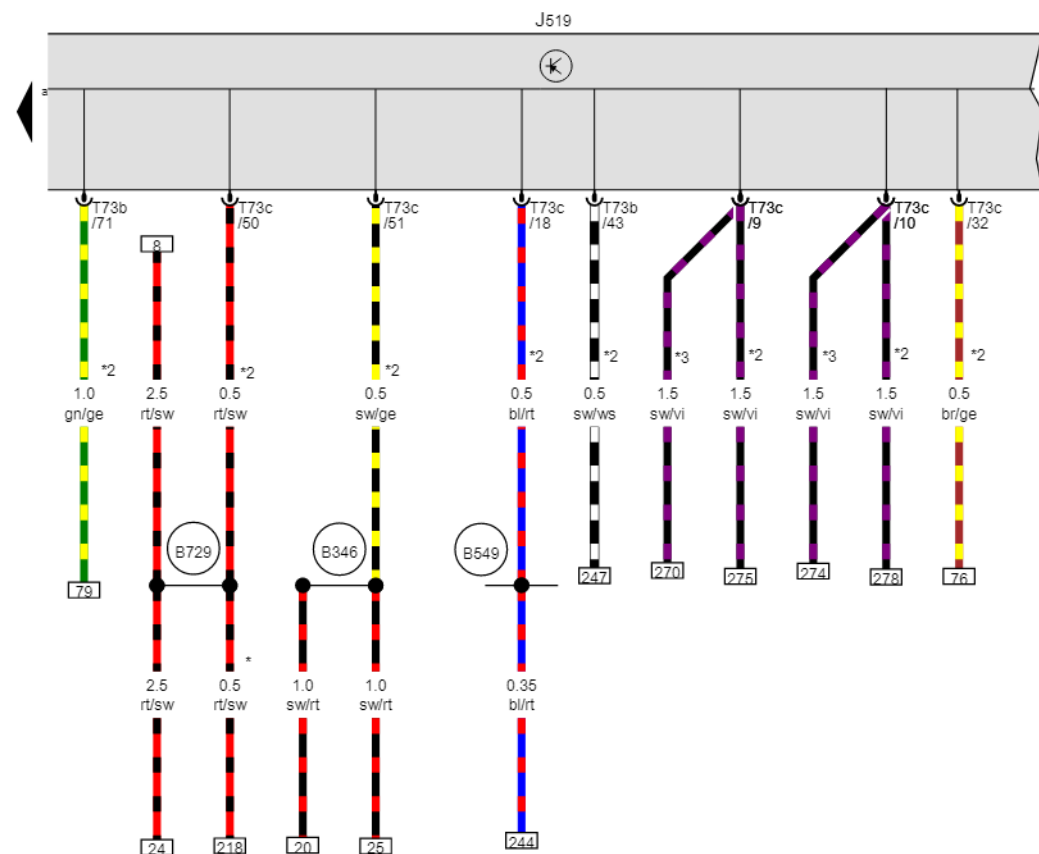
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM





# Onboard supply control unit

J519 Onboard supply control unit

T73b 73-pin connector

T73c 73-pin connector

B346 Connection 1 (75), in main wiring harness

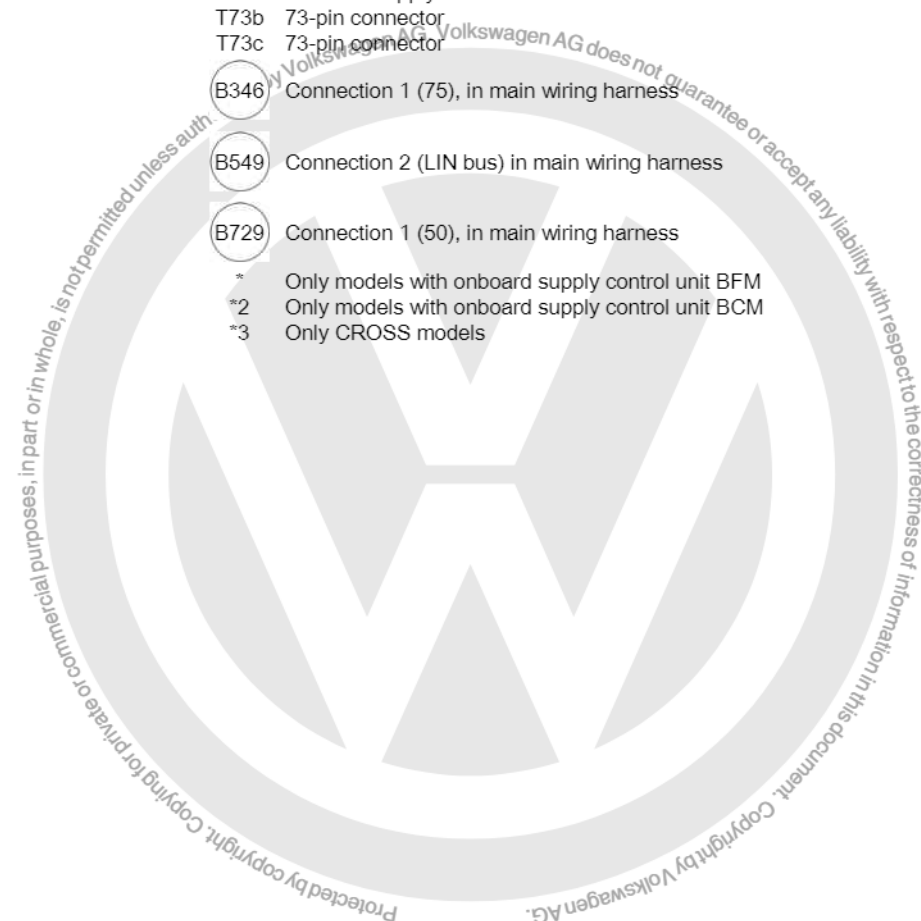
B549 Connection 2 (LIN bus) in main wiring harness

B729 Connection 1 (50), in main wiring harness

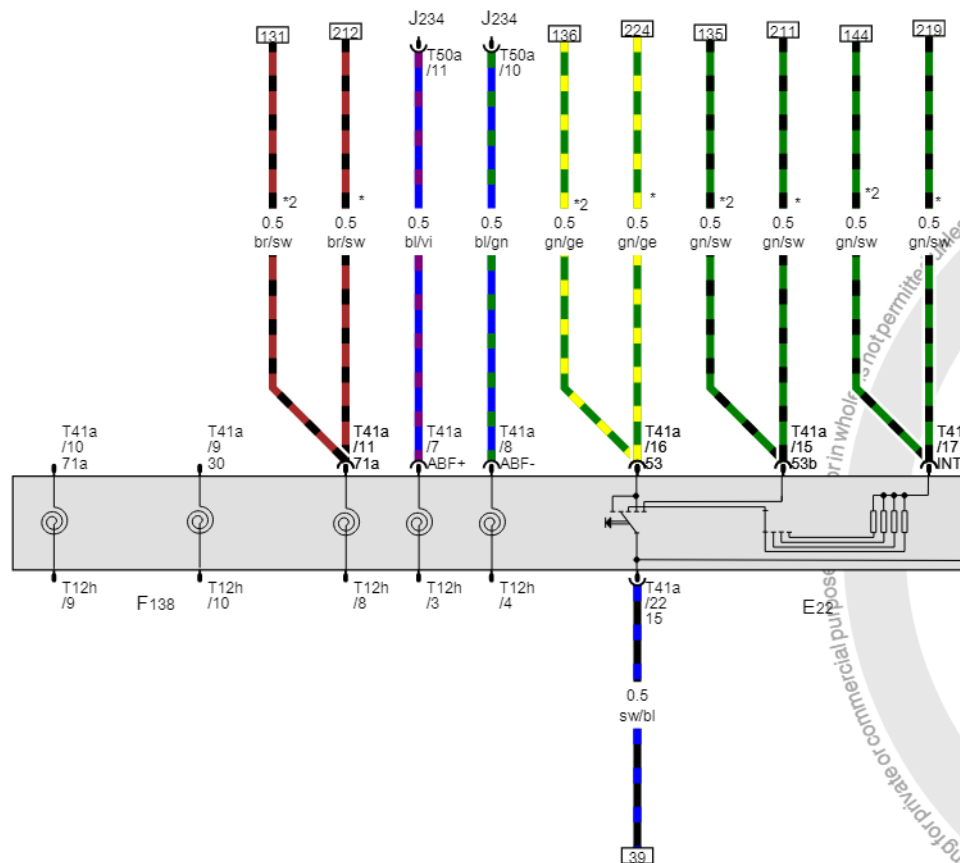
\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

\*3 Only CROSS models



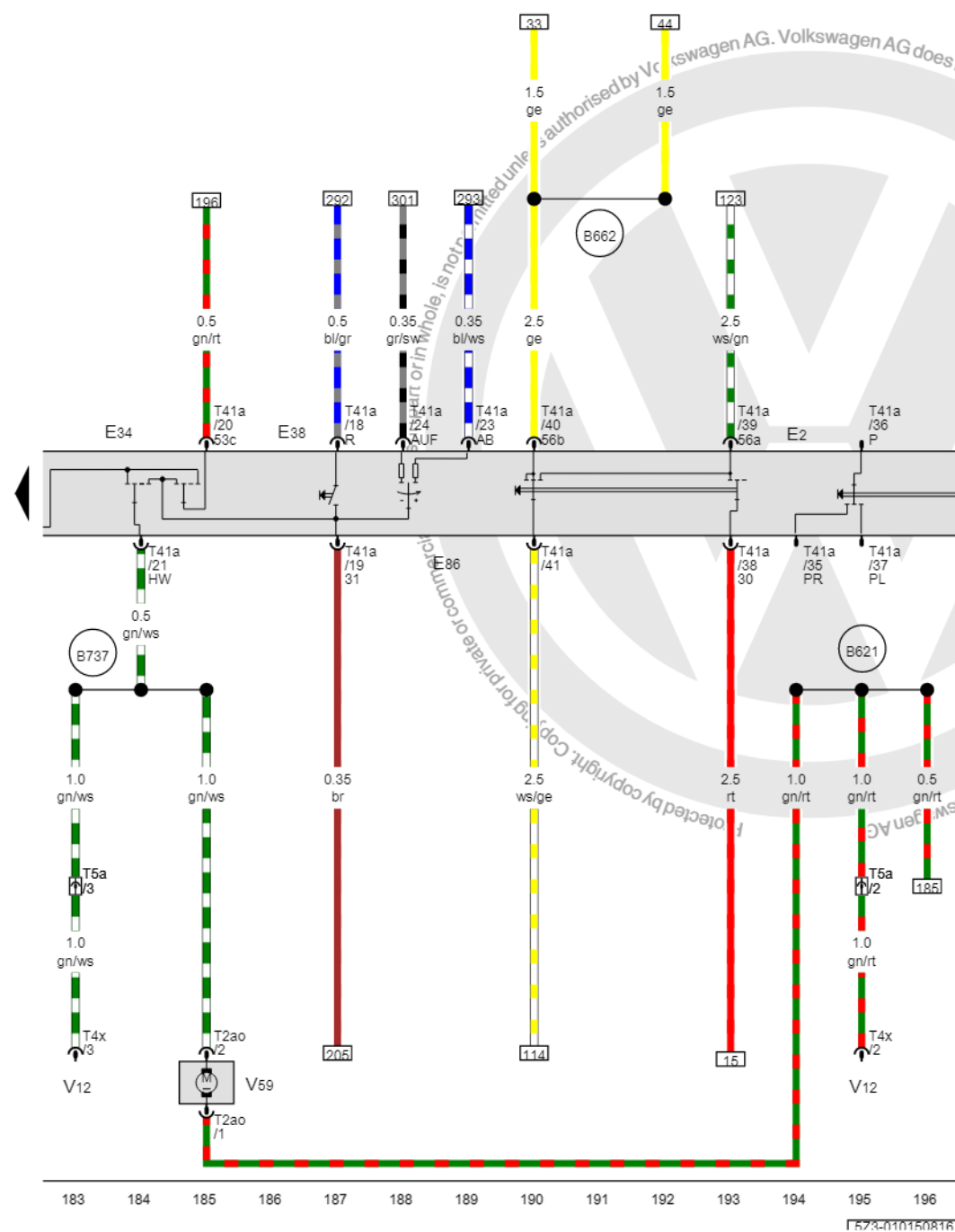
ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
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gr = grey  
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vi = purple  
ge = yellow  
or = orange  
rs = pink



Intermittent wiper switch, Airbag coil connector and return ring with slip ring

- E22 Intermittent wiper switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- T41a 41-pin connector
- T50a 50-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Turn signal switch, Rear wiper switch, Intermittent wiper regulator, Multifunction display call-up button, Windscreen and rear window washer pump

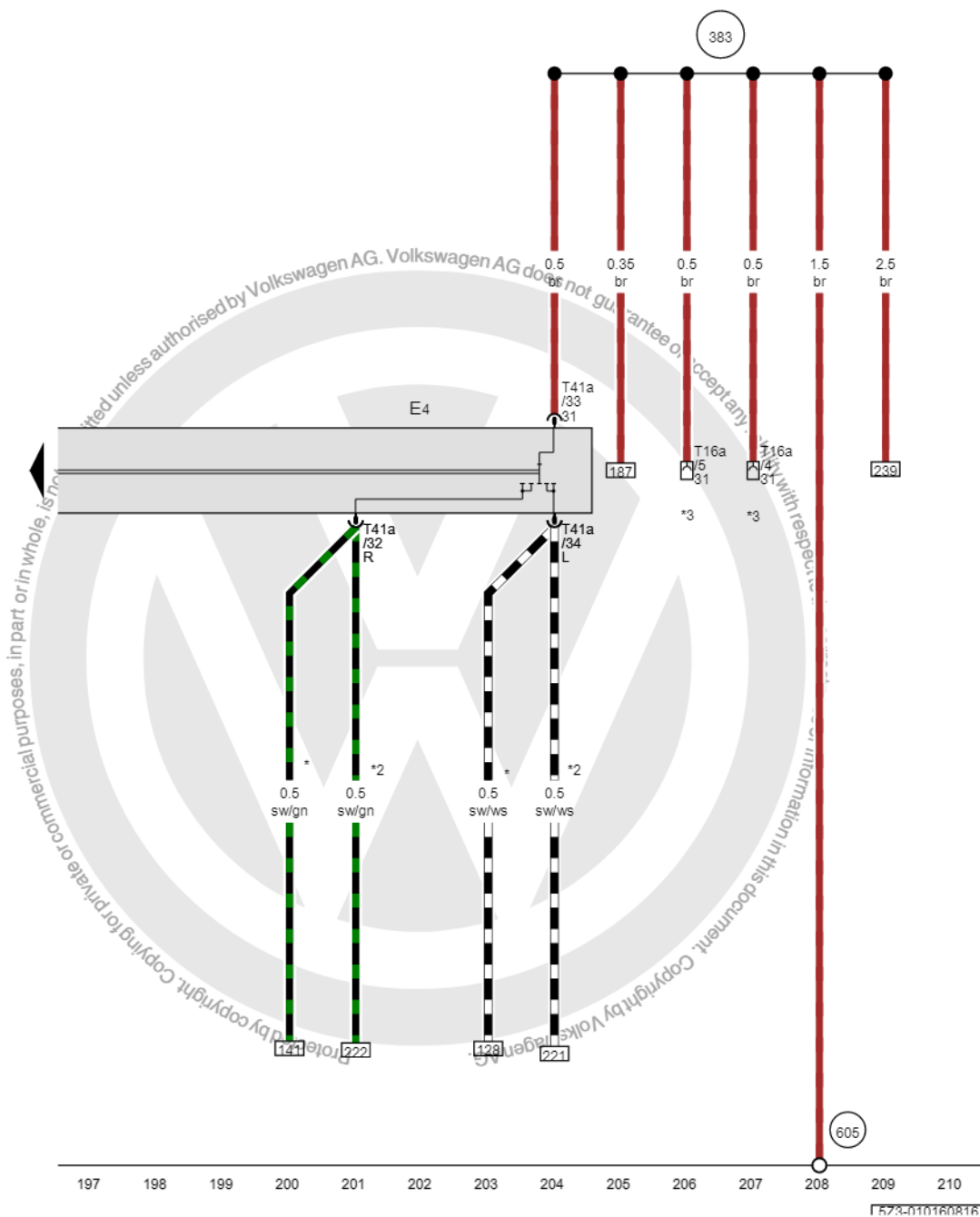
- E2 Turn signal switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E86 Multifunction display call-up button
- T2ao 2-pin connector
- T4x 4-pin connector
- T5a 5-pin connector, behind rear left side trim, near wheel arch
- T41a 41-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

- B621 Connection 1 (53c), in main wiring harness
- B662 Connection 2 (56b), in main wiring harness
- B737 Connection 2 (53c), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

# Headlight dipper and flasher switch

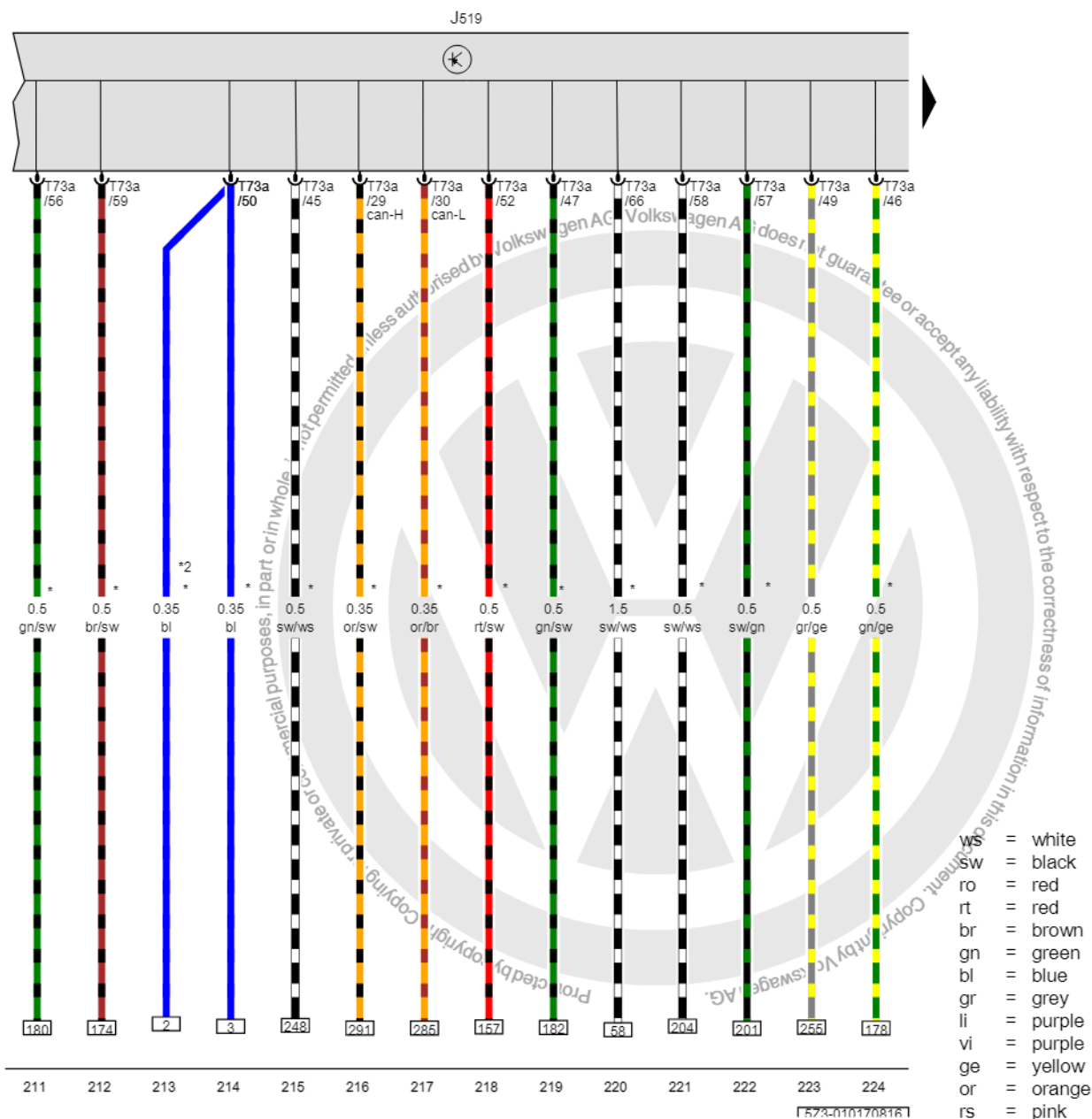
- E4 Headlight dipper and flasher switch
- T16a 16-pin connector
- T41a 41-pin connector
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Diagnostic connection

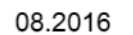


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit

- J519 Onboard supply control unit  
 T73a 73-pin connector  
 \* Only models with onboard supply control unit BFM  
 \*2 Only models with BlueMotion equipment

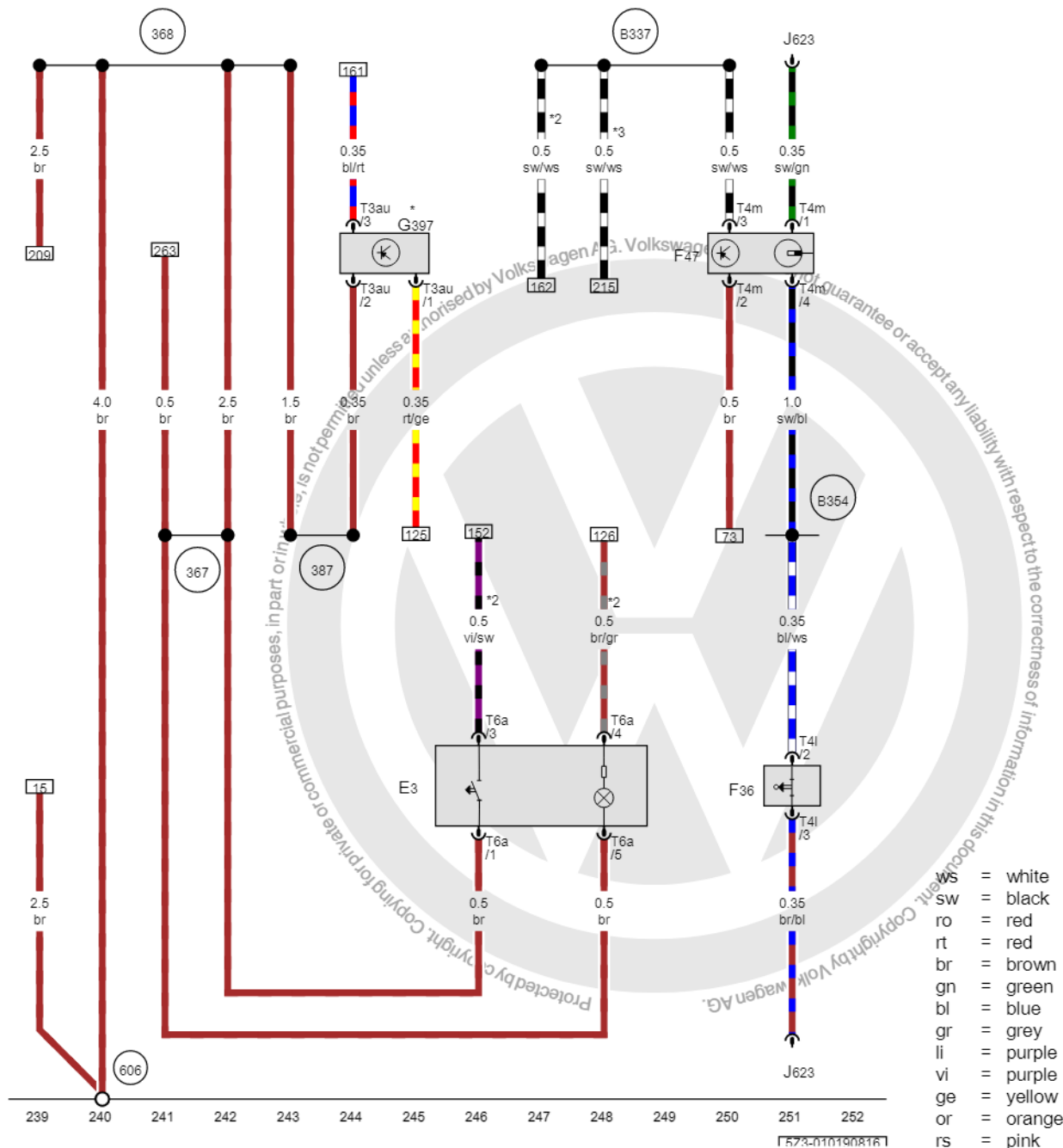


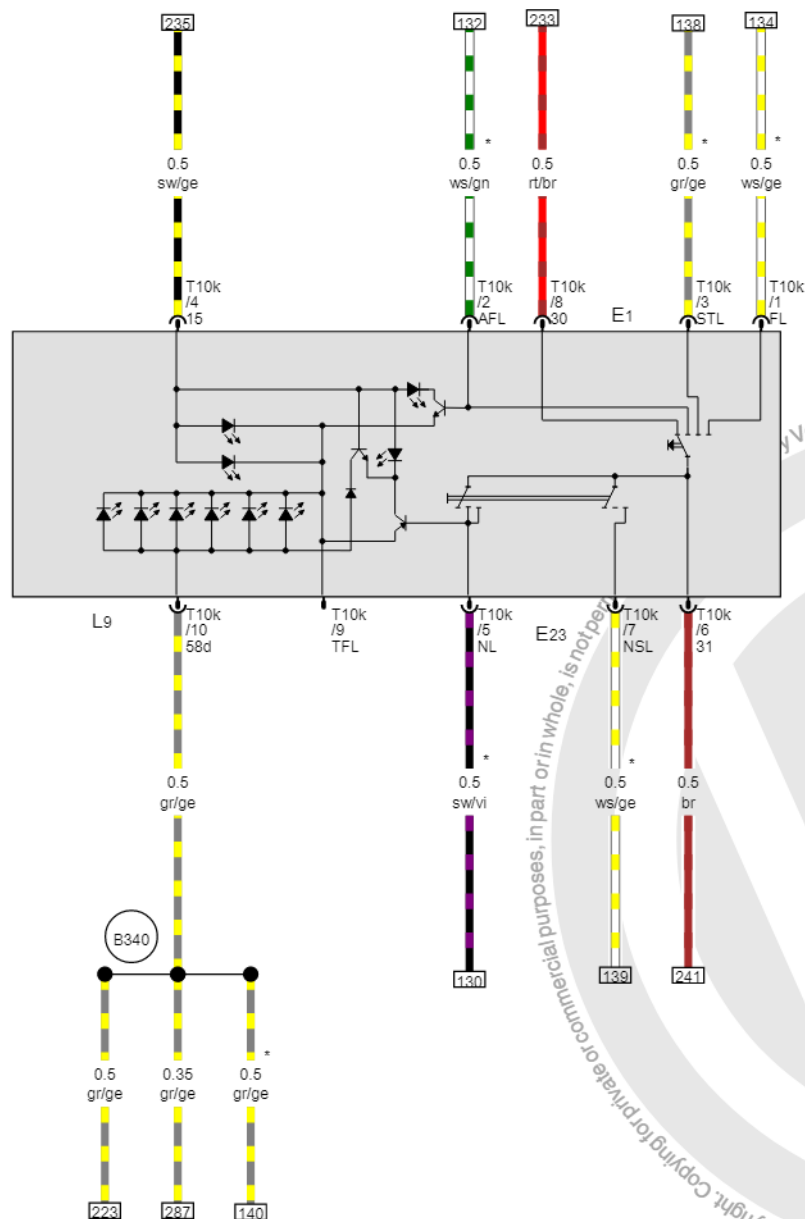




Hazard warning light switch, Clutch pedal switch, Brake pedal switch, Rain and light sensor

- E3 Hazard warning light switch  
 F36 Clutch pedal switch  
 F47 Brake pedal switch  
 G397 Rain and light sensor  
 J623 Engine control unit  
 T3au 3-pin connector  
 T4l 4-pin connector  
 T4m 4-pin connector  
 T6a 6-pin connector
- 367 Earth connection 2, in main wiring harness  
 368 Earth connection 3, in main wiring harness  
 387 Earth connection 22, in main wiring harness  
 606 Earth point, under the centre console near gear stick  
 B337 Connection 3 (54), in main wiring harness  
 B354 Positive connection 5 (87a) in main wiring harness
- \* Only models with automatic anti-dazzle interior mirror  
 \*2 Only models with onboard supply control unit BCM  
 \*3 Only models with onboard supply control unit BFM

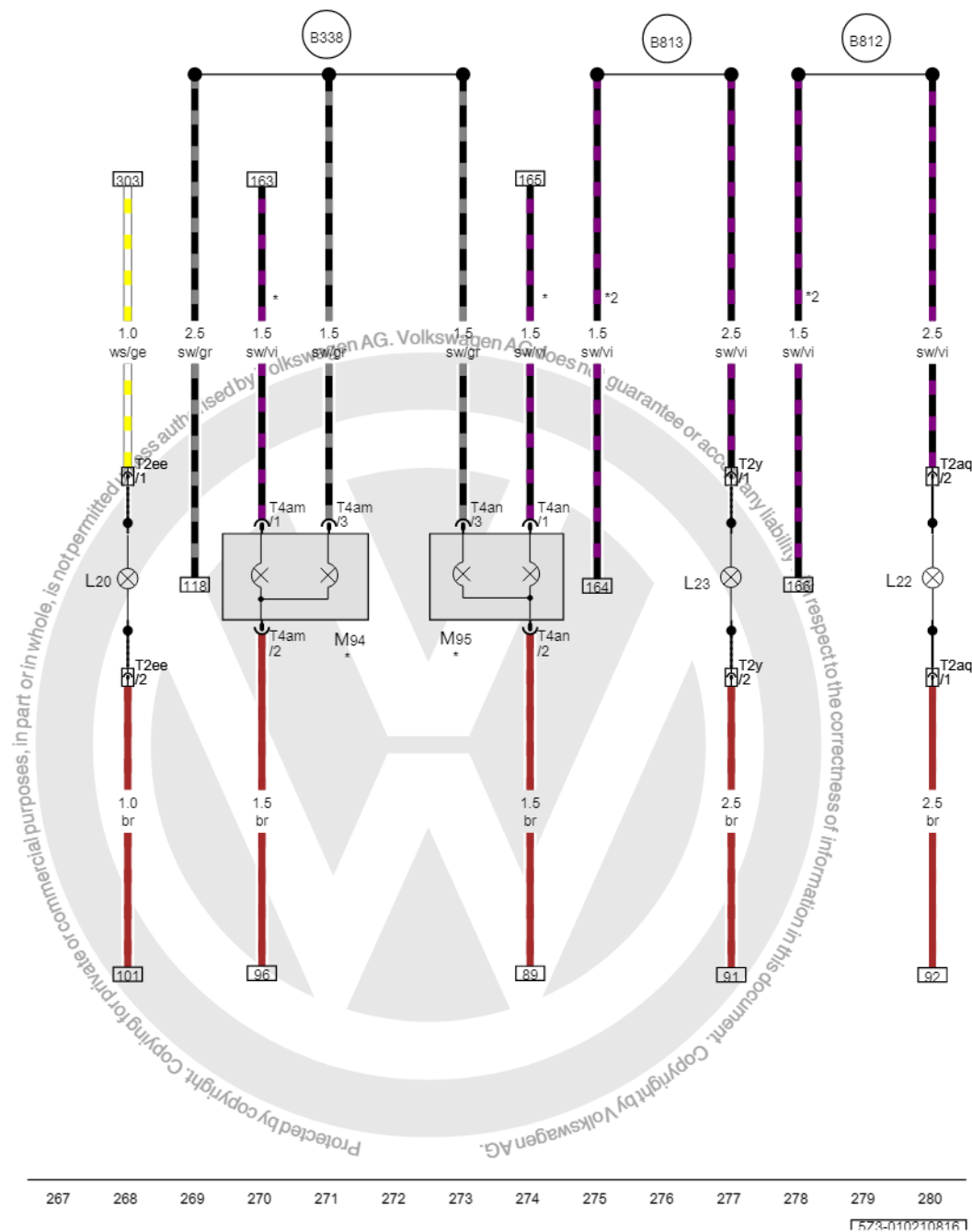




Light switch, Front and rear fog light switch, Light switch illumination bulb

- E1 Light switch
- E23 Front and rear fog light switch
- L9 Light switch illumination bulb
- T10k 10-pin connector
- B340 Connection 1 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM

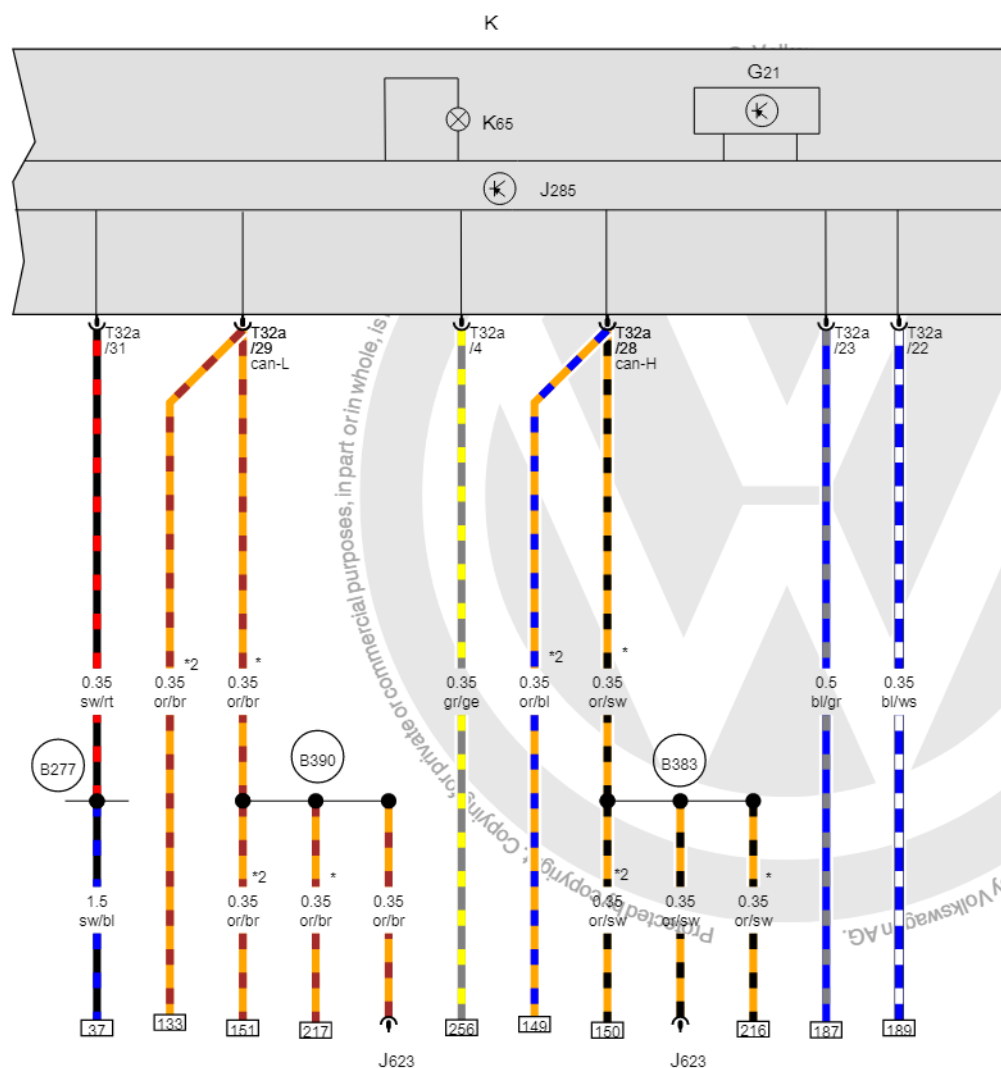
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 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Speedometer, Control unit in dash panel insert, Dash panel insert, Left turn signal warning lamp

- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K65 Left turn signal warning lamp
- T32a 32-pin connector

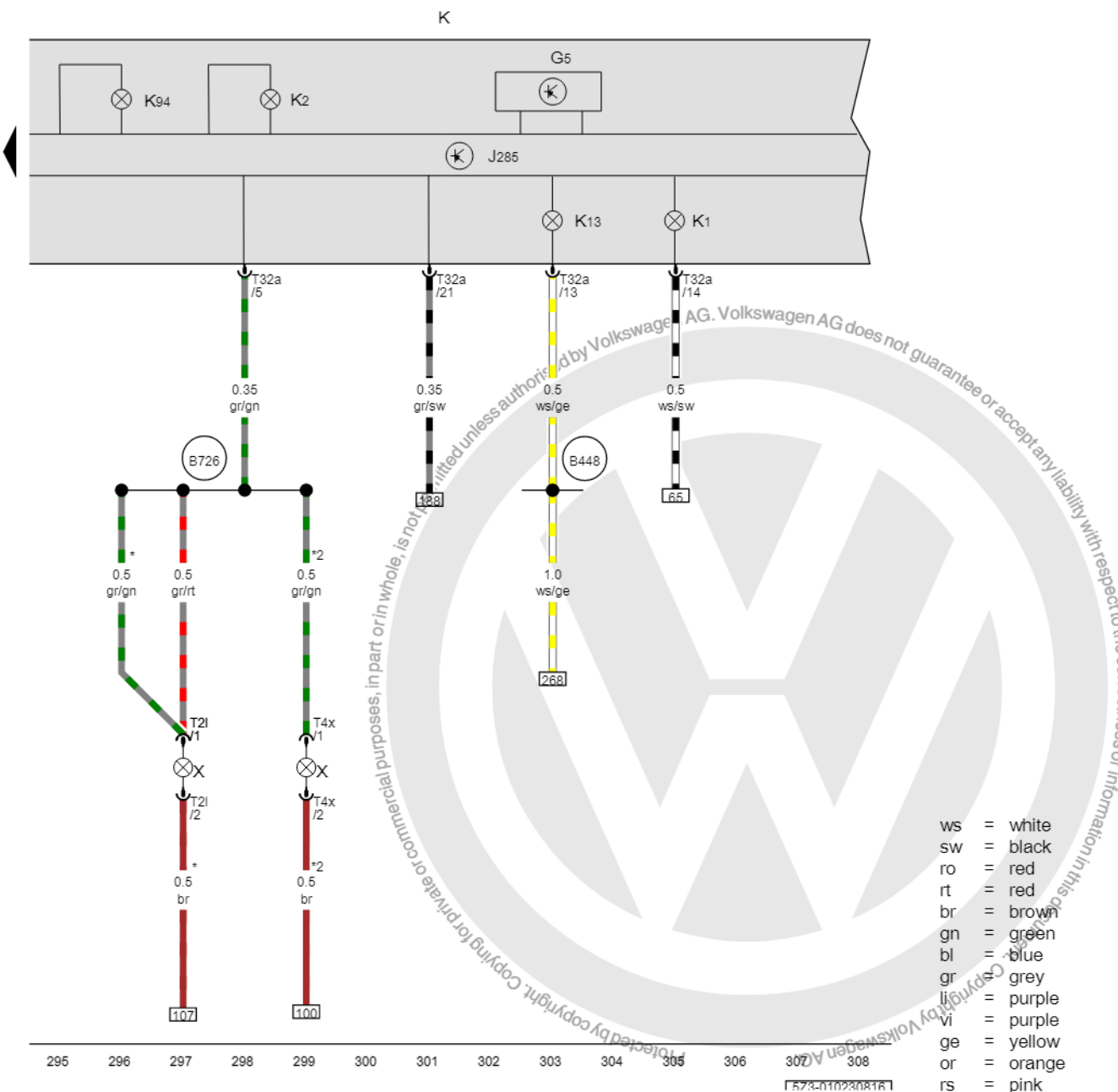
- B277 Positive connection 1 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

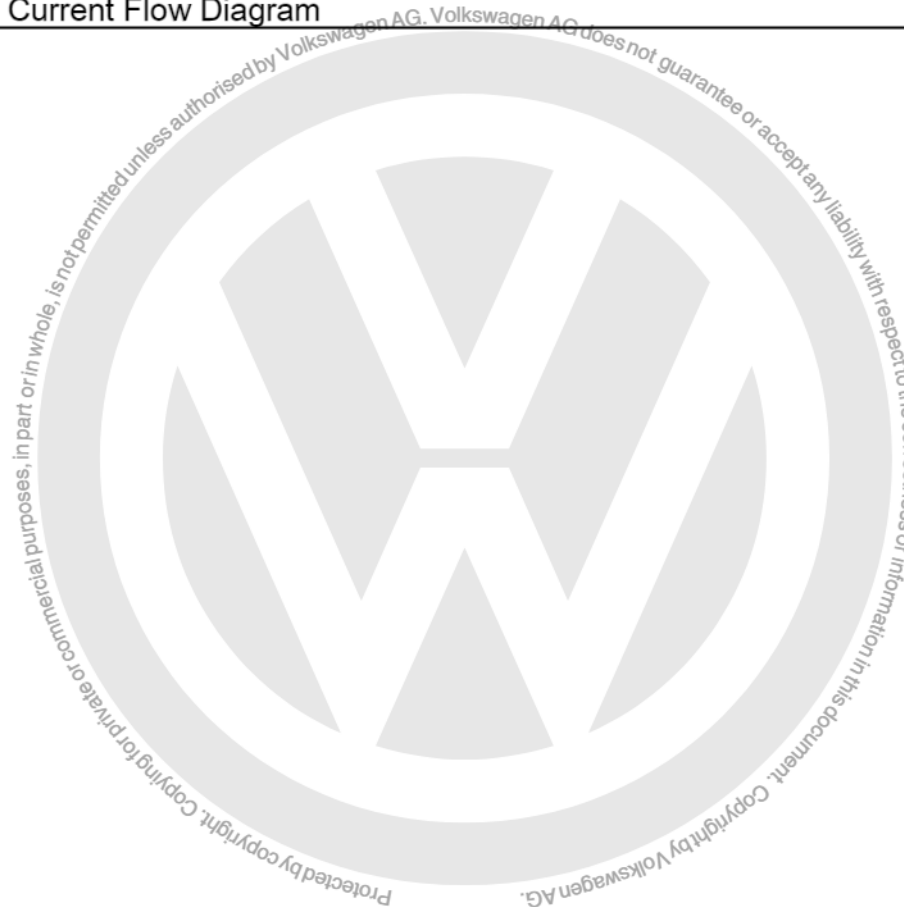
Rev. counter, Control unit in dash panel insert, Dash panel insert, Main beam warning lamp, Alternator warning lamp, Rear fog light warning lamp, Right turn signal warning lamp, Number plate light

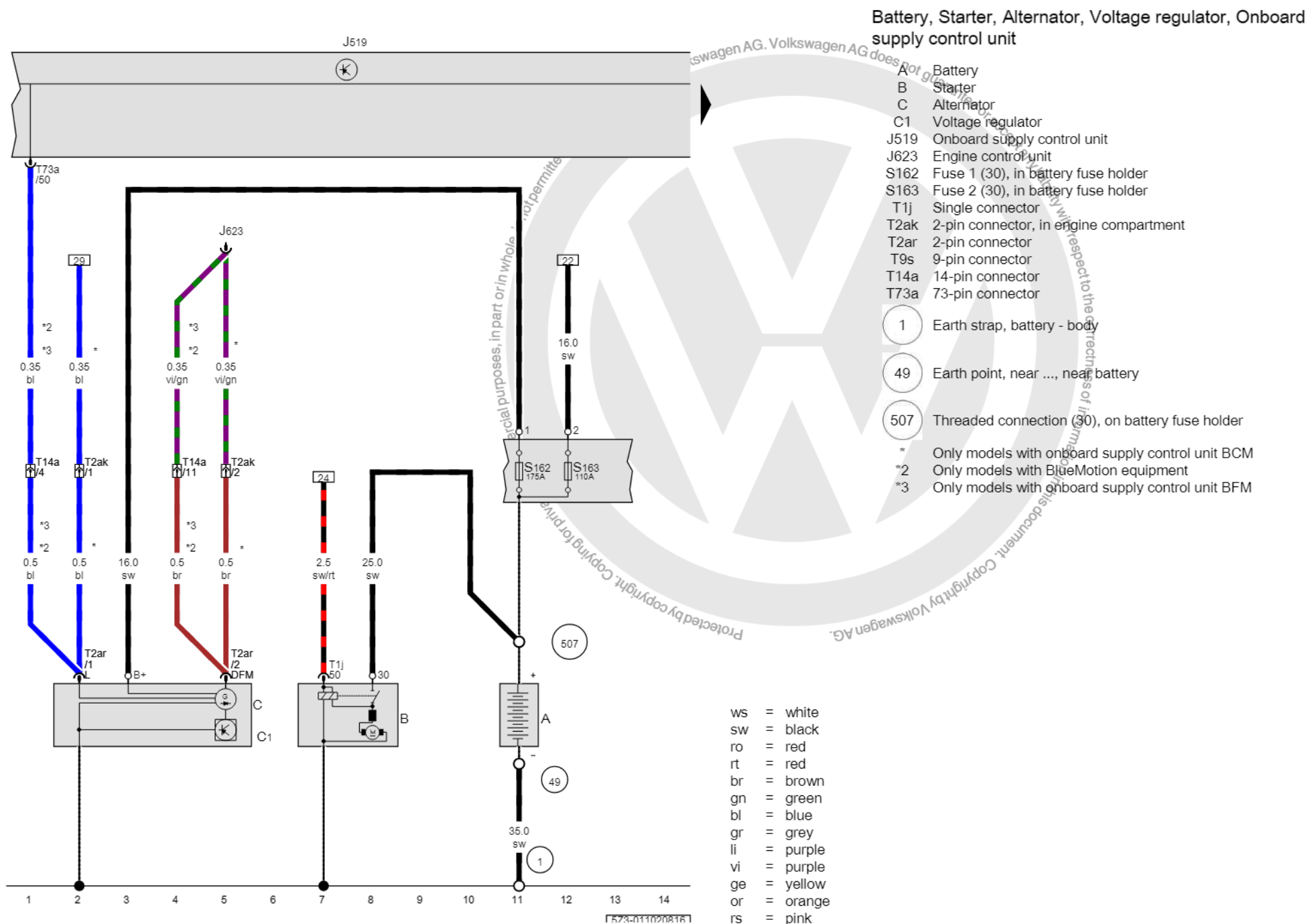
- G5 Rev. counter
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K2 Alternator warning lamp
- K13 Rear fog light warning lamp
- K94 Right turn signal warning lamp
- T2l 2-pin connector
- T4x 4-pin connector
- T32a 32-pin connector
- X Number plate light
- B448 Connection (rear fog light), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- \* Only models with 4-doors
- \*2 Only CROSS models

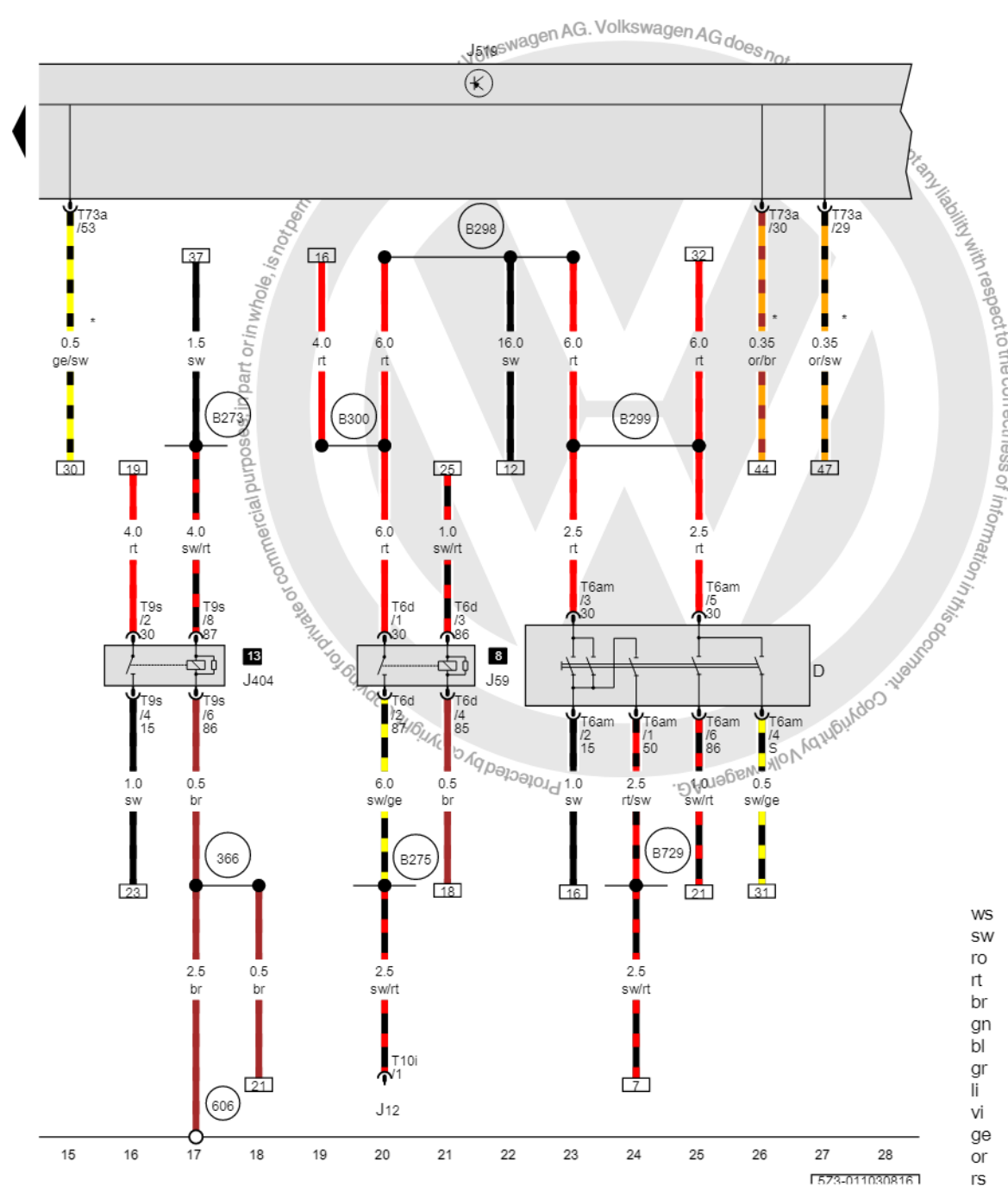


## Radio

From April 2013







Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- \* Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



# Onboard supply control unit

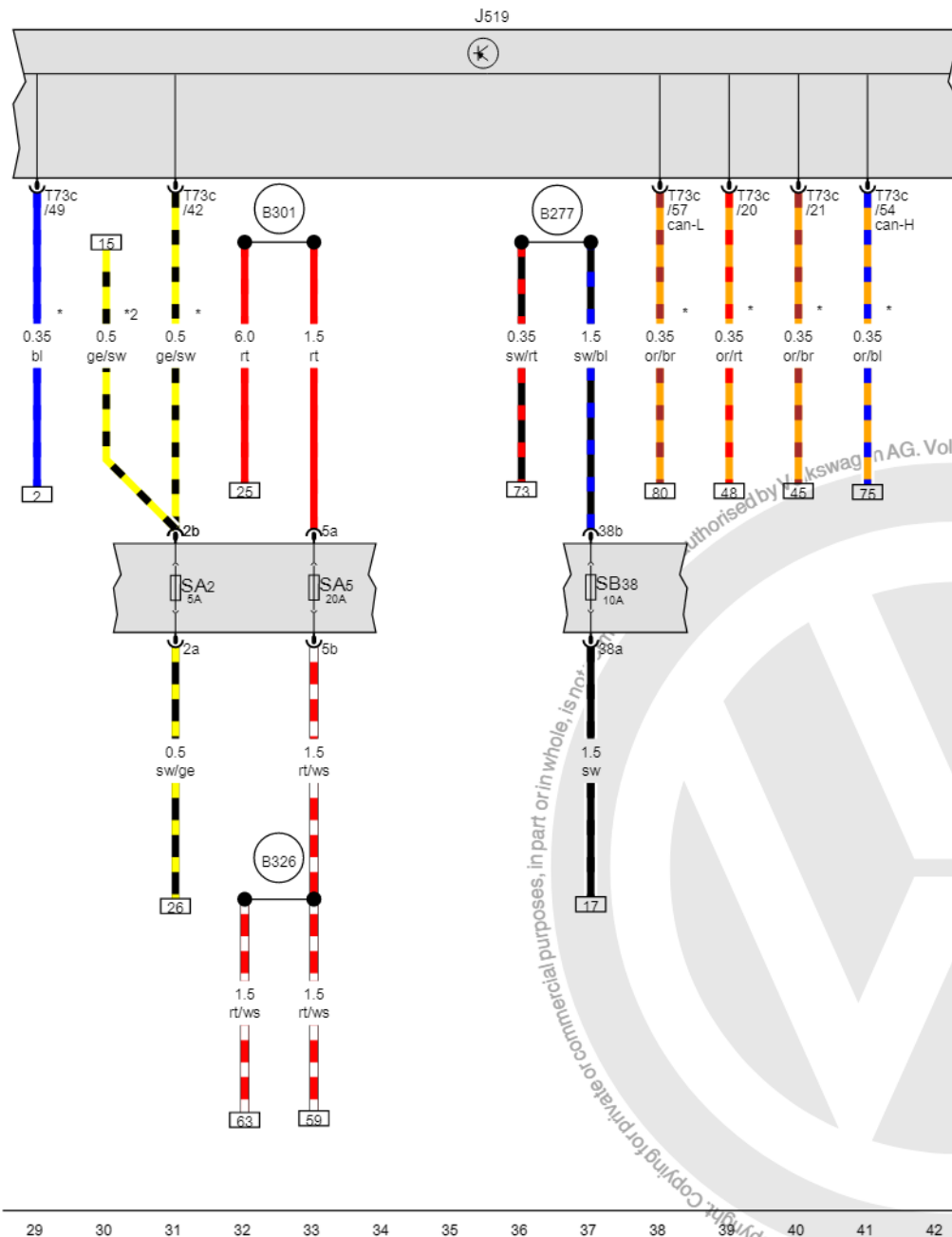
J519 Onboard supply control unit  
SA2 Fuse 2 in fuse holder A  
SA5 Fuse 5 in fuse holder A  
SB38 Fuse 38 on fuse holder B  
T73c 73-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

B326 Positive connection 12 (30a) in main wiring harness

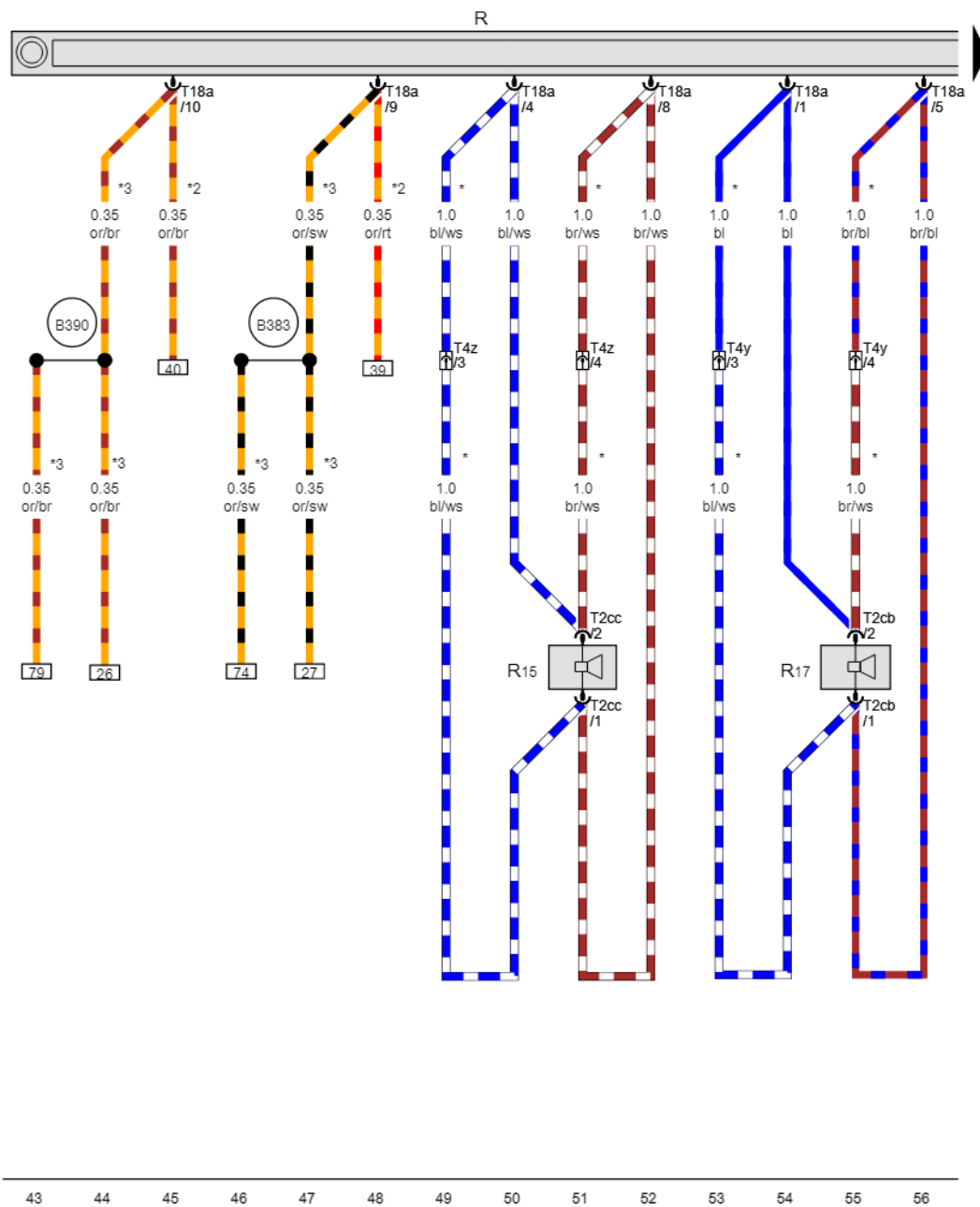
\* Only models with onboard supply control unit BCM  
\*2 Only models with onboard supply control unit BFM



ws = white  
sw = black  
ro = red  
rt = red  
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gn = green  
bl = blue  
gr = grey  
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vi = purple  
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rs = pink

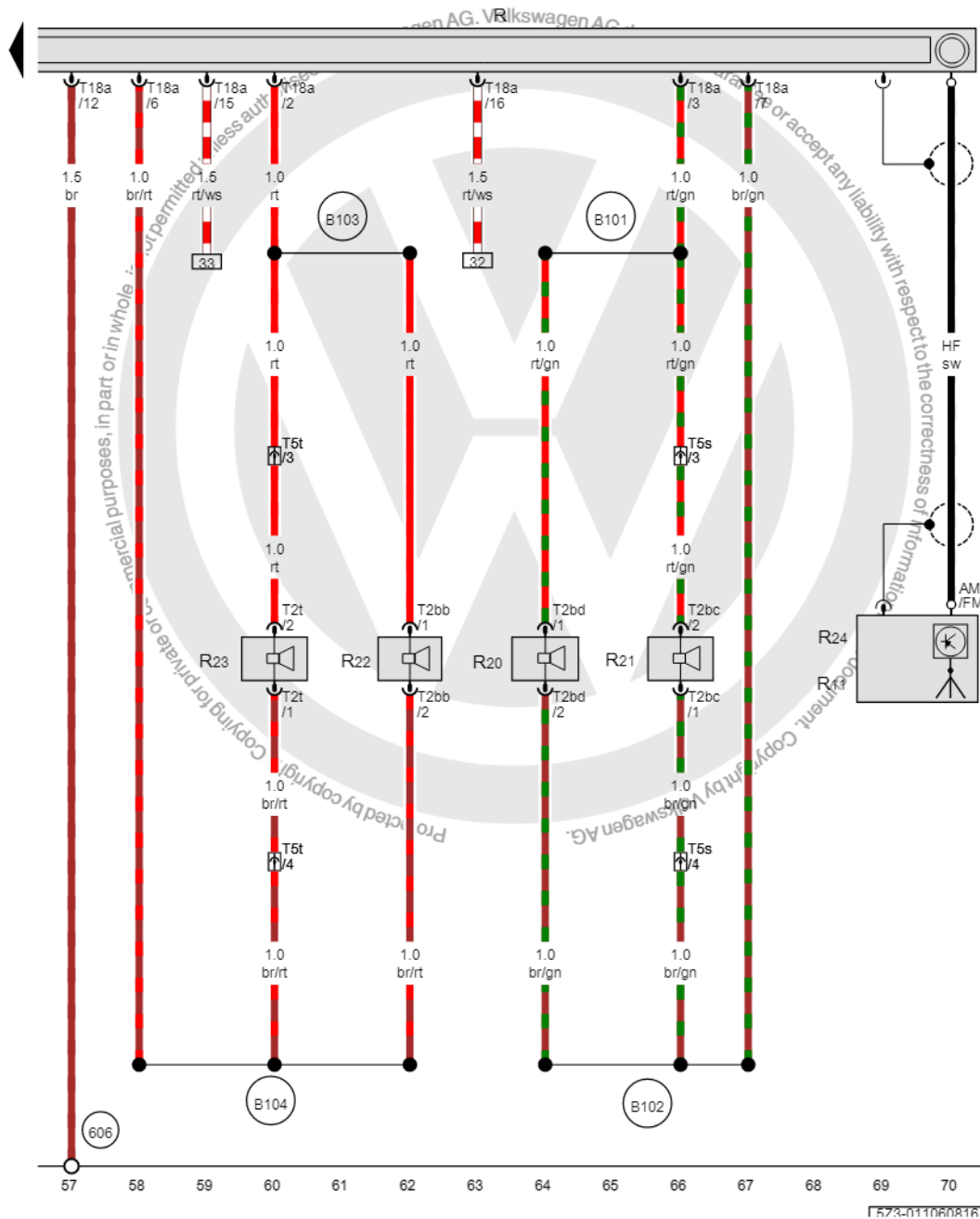
Radio, Rear left bass loudspeaker, Rear right bass loudspeaker

- R Radio  
 R15 Rear left bass loudspeaker  
 R17 Rear right bass loudspeaker  
 T2cb 2-pin connector  
 T2cc 2-pin connector  
 T4y 4-pin connector, in rear right door  
 T4z 4-pin connector, in rear left door  
 T18a 18-pin connector  
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness  
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness  
 \* Only models with 4 doors  
 \*2 Only models with onboard supply control unit BCM  
 \*3 Only models with onboard supply control unit BFM



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

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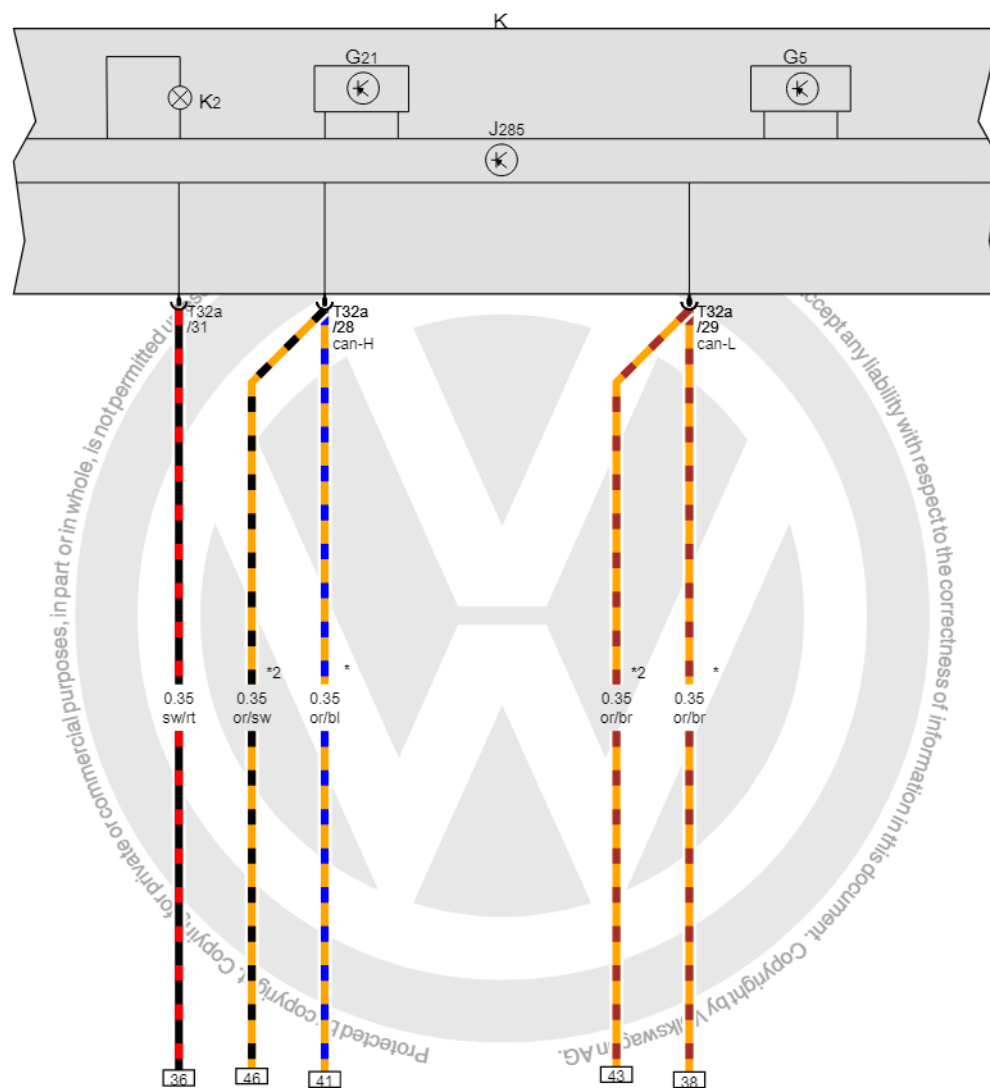


Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- R Radio
- R11 Aerial
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R24 Aerial amplifier
- T2bb 2-pin connector
- T2bc 2-pin connector
- T2bd 2-pin connector
- T2t 2-pin connector
- T5s 5-pin connector, in driver door
- T5t 5-pin connector, in front passenger door
- T18a 18-pin connector
- 606 Earth point, under the centre console near gear stick
- B101 Connection (positive, front left speaker), in main wiring harness
- B102 Connection (negative, front left speaker), in main wiring harness
- B103 Connection (positive, front right speaker), in main wiring harness
- B104 Connection (negative, front right speaker), in main wiring harness

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Electric windows, rear vent windows

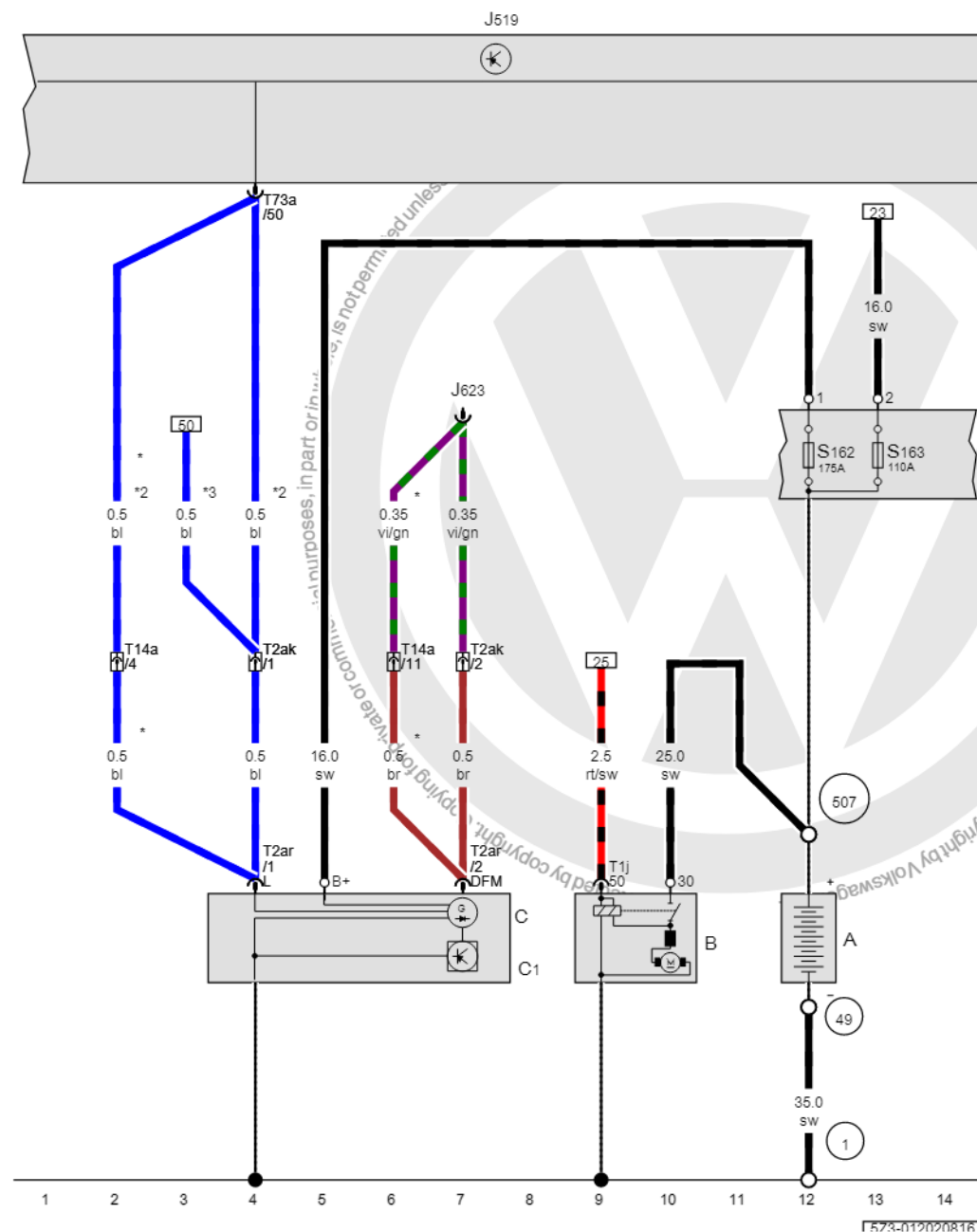
From April 2013



Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, on left in engine compartment
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

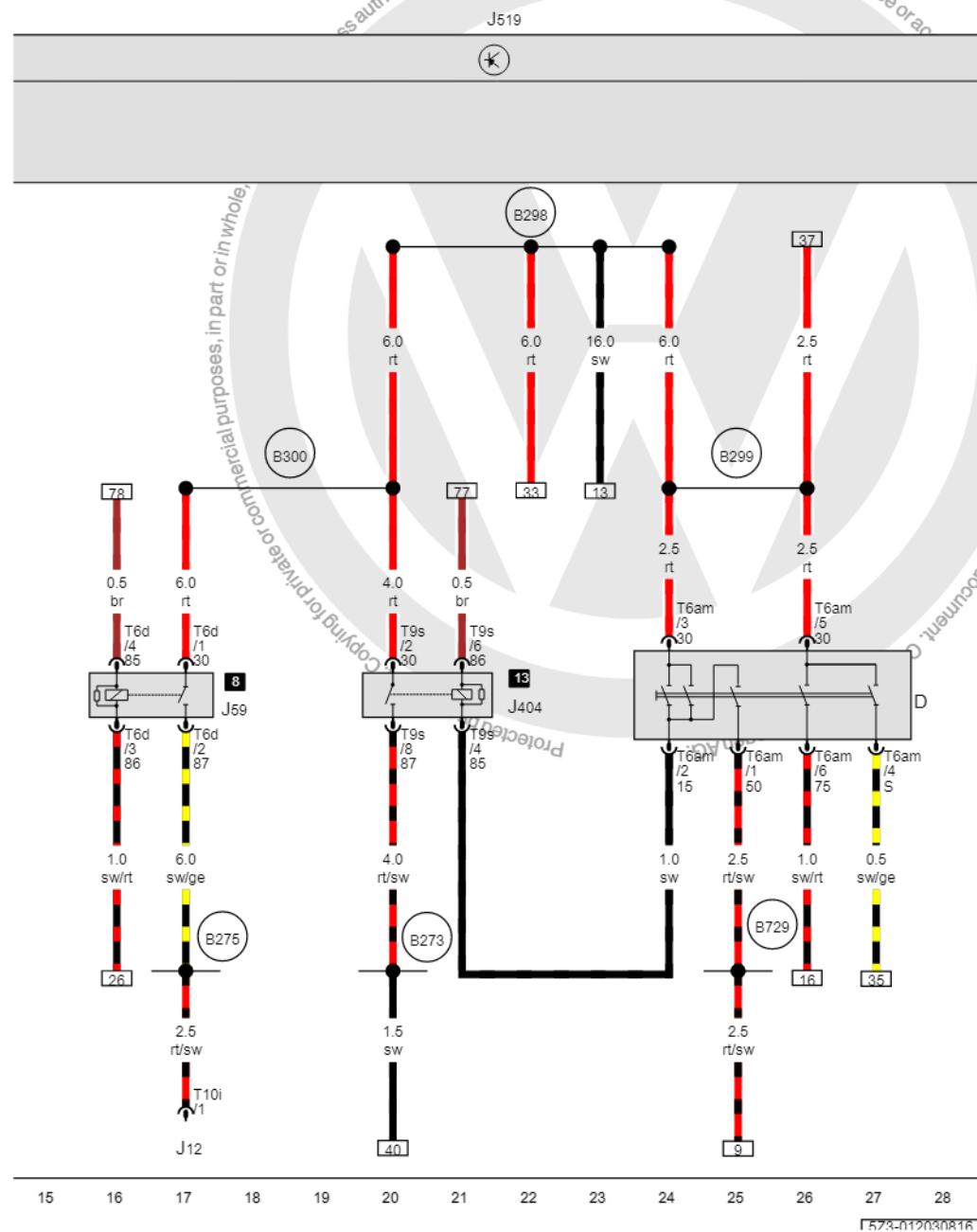


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Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- (B273) Positive connection (15), in main wiring harness
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B729) Connection 1 (50), in main wiring harness



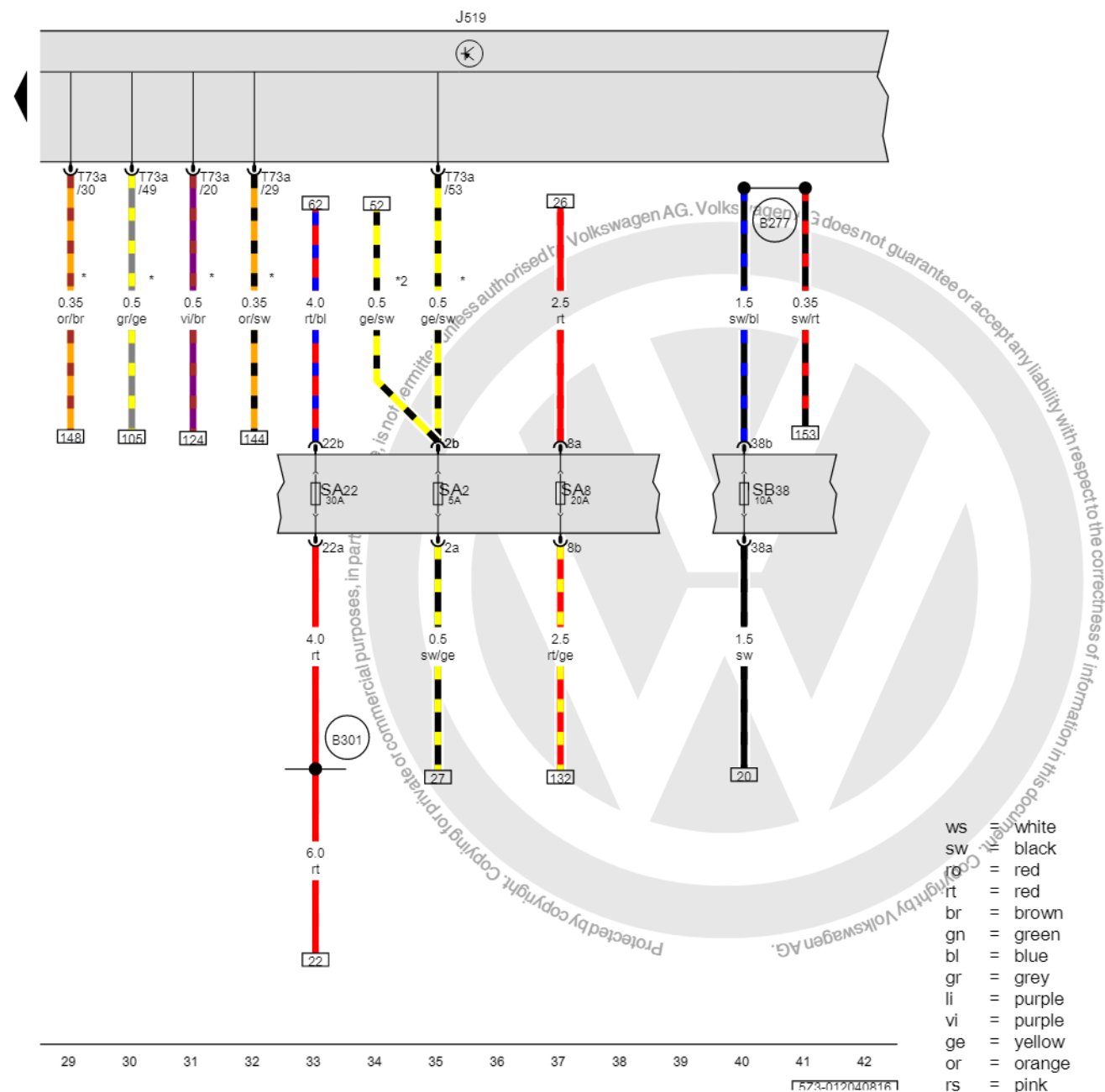
# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA8 Fuse 8 in fuse holder A
- SA22 Fuse 22 in fuse holder A
- SB38 Fuse 38 on fuse holder B
- T73a 73-pin connector

B277 Positive connection 1 (15a) in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

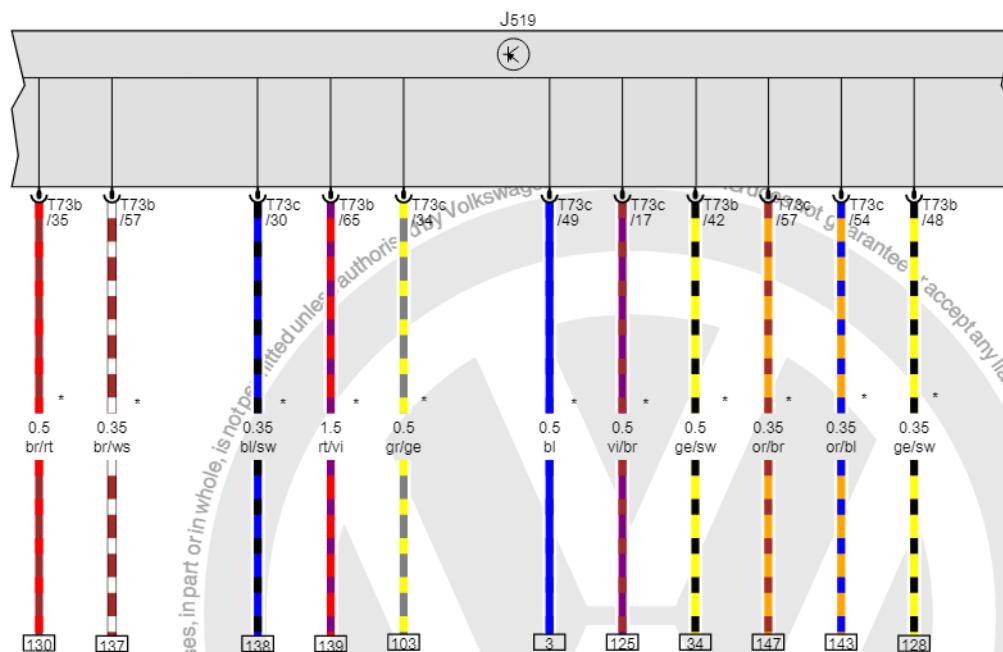
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM





# Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM



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- gr = grey
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- rs = pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

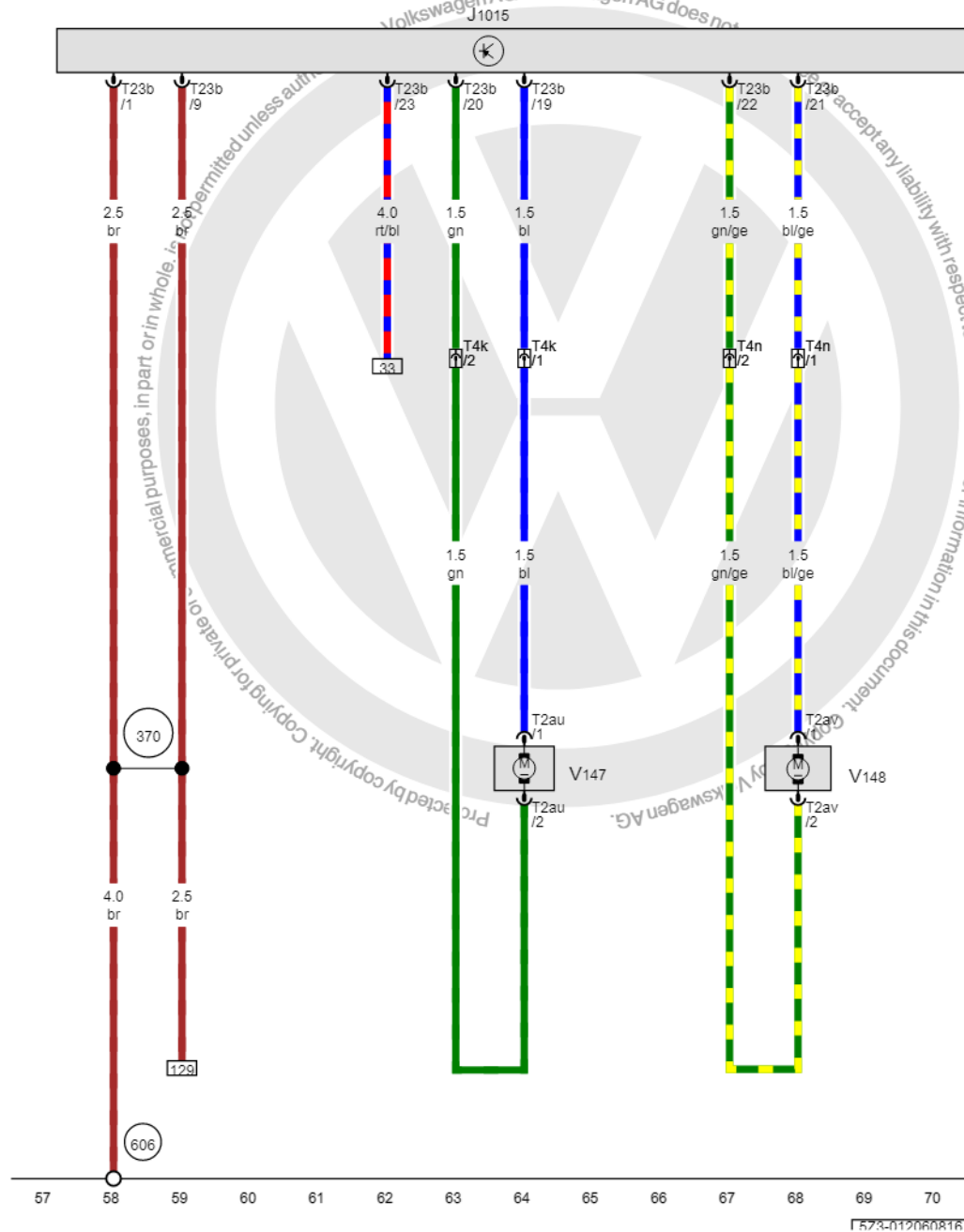
1573-012050816

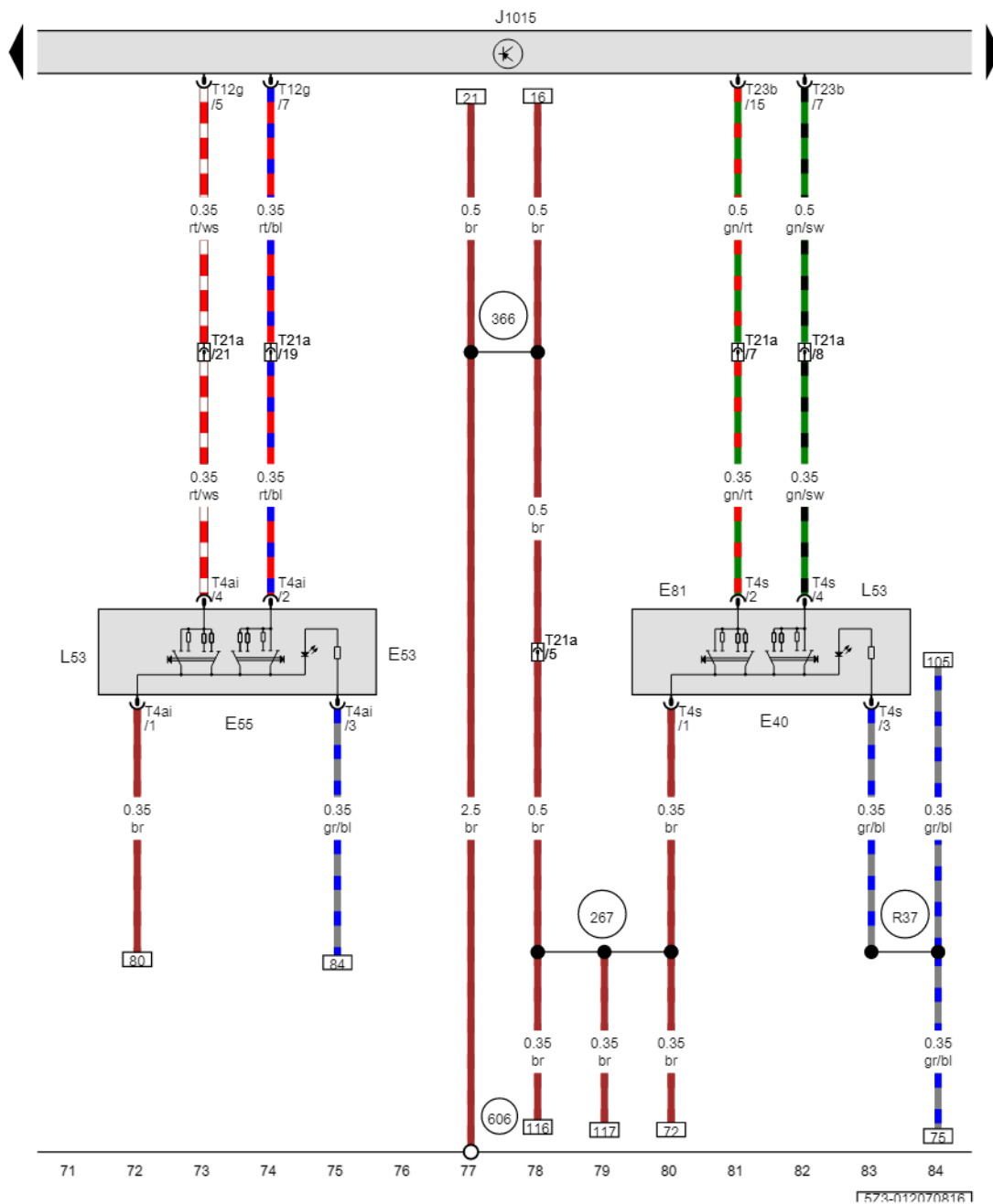
Central control unit for window regulators, Driver side window regulator motor, Front passenger side window regulator motor

- J1015 Central control unit for window regulators  
 T2au 2-pin connector  
 T2av 2-pin connector  
 T4k 4-pin connector, in driver door  
 T4n 4-pin connector, in front passenger door  
 T23b 23-pin connector  
 V147 Driver side window regulator motor  
 V148 Front passenger side window regulator motor

370 Earth connection 5, in main wiring harness

606 Earth point, under the centre console near gear stick

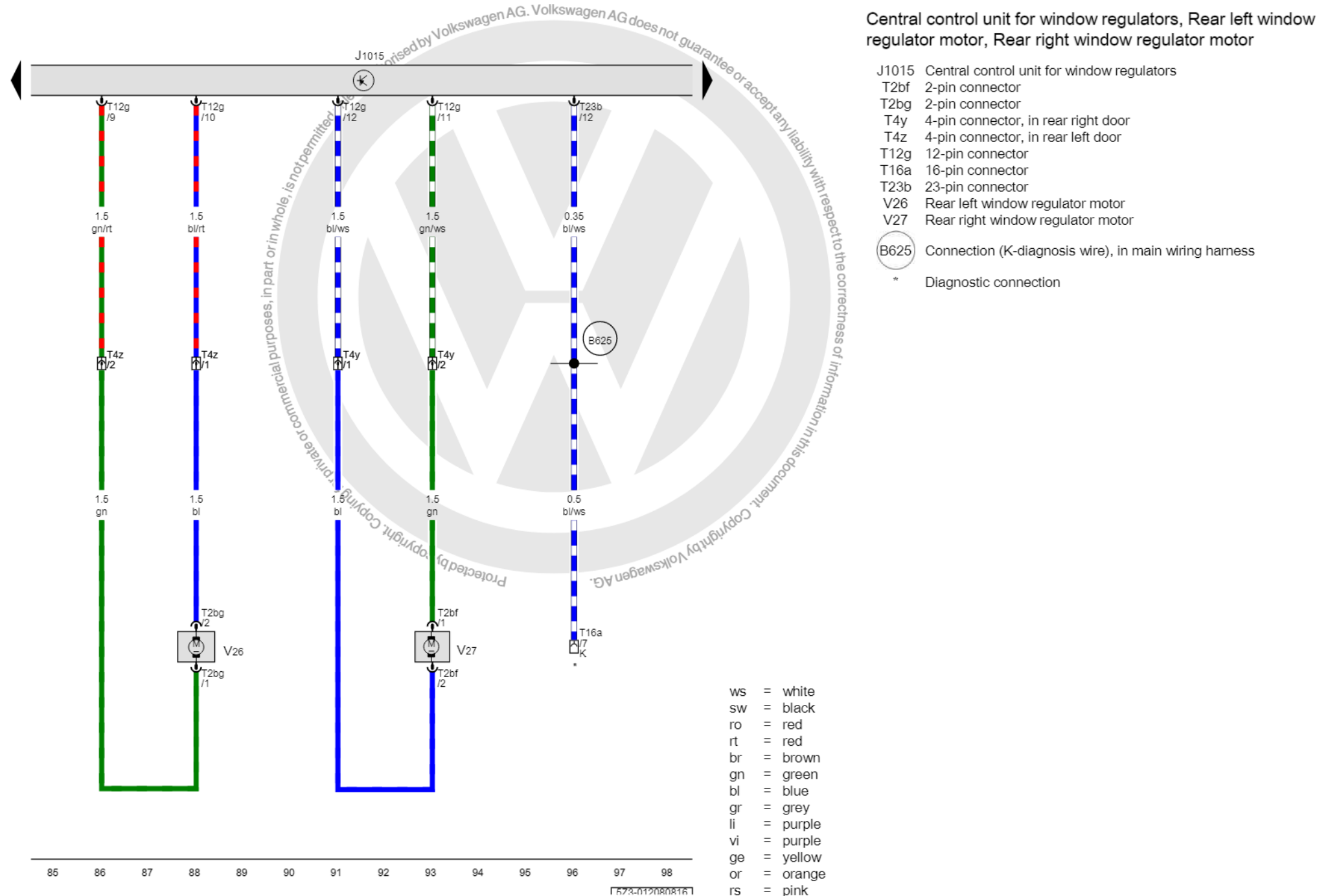


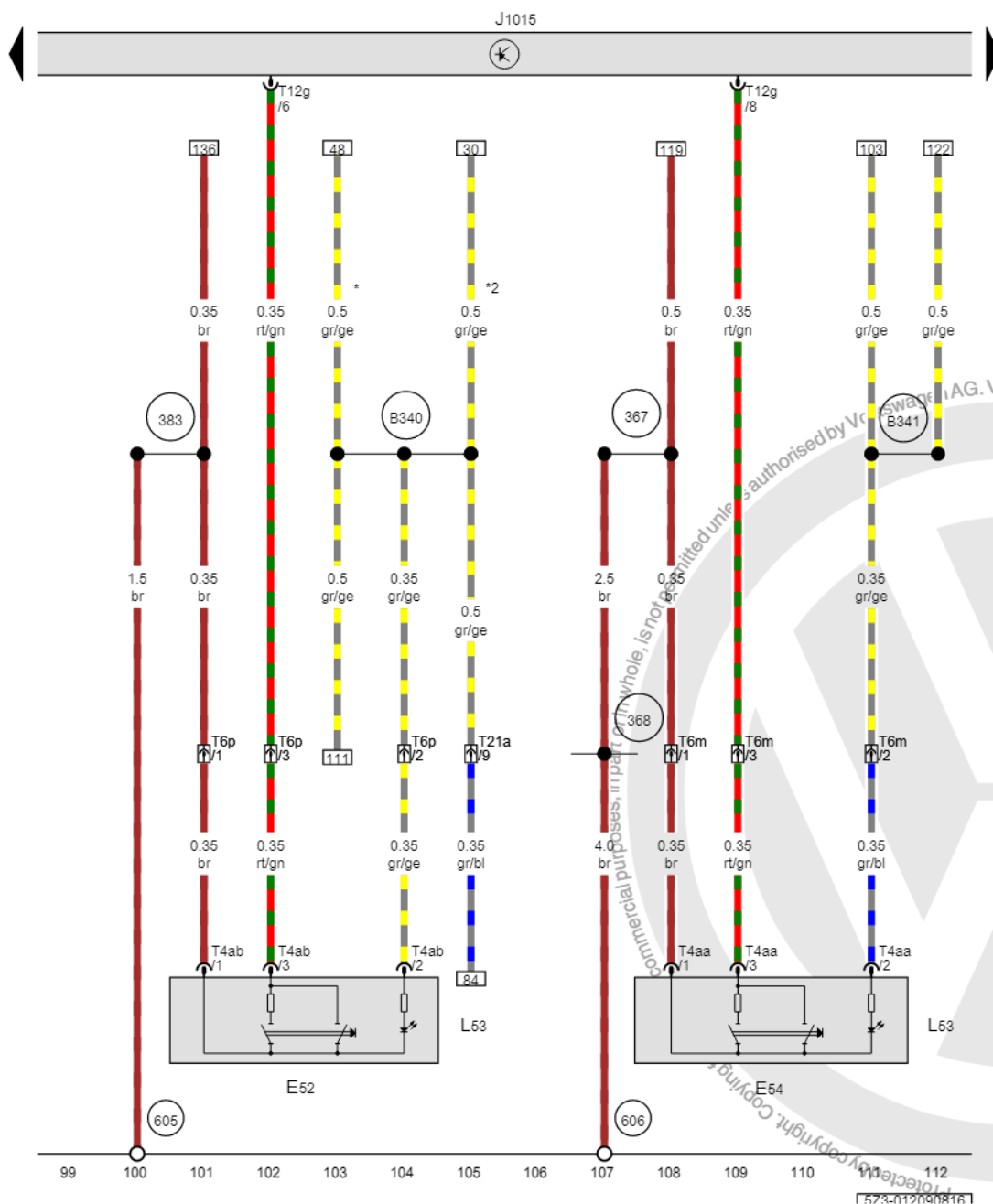


Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Central control unit for window regulators, Window regulator switch illumination bulb

- |       |  |
|-------|--|
| E40   | Front left window regulator switch                             |
| E53   | Rear left window regulator switch, in driver door              |
| E55   | Rear right window regulator switch, in driver door             |
| E81   | Front right window regulator switch in driver door             |
| J1015 | Central control unit for window regulators                     |
| L53   | Window regulator switch illumination bulb                      |
| T4ai  | 4-pin connector  |
| T4s   | 4-pin connector  |
| T12g  | 12-pin connector   |
| T21a  | 21-pin connector, in driver door                               |
| T23b  | 23-pin connector   |
| 267   | Earth connection 2, in drive side door wiring harness          |
| 366   | Earth connection 1, in main wiring harness                     |
| 606   | Earth point, under the centre console near gear stick          |
| R37   | Connection 1 (window regulator), in driver door wiring harness |

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
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or = orange  
rs = pink



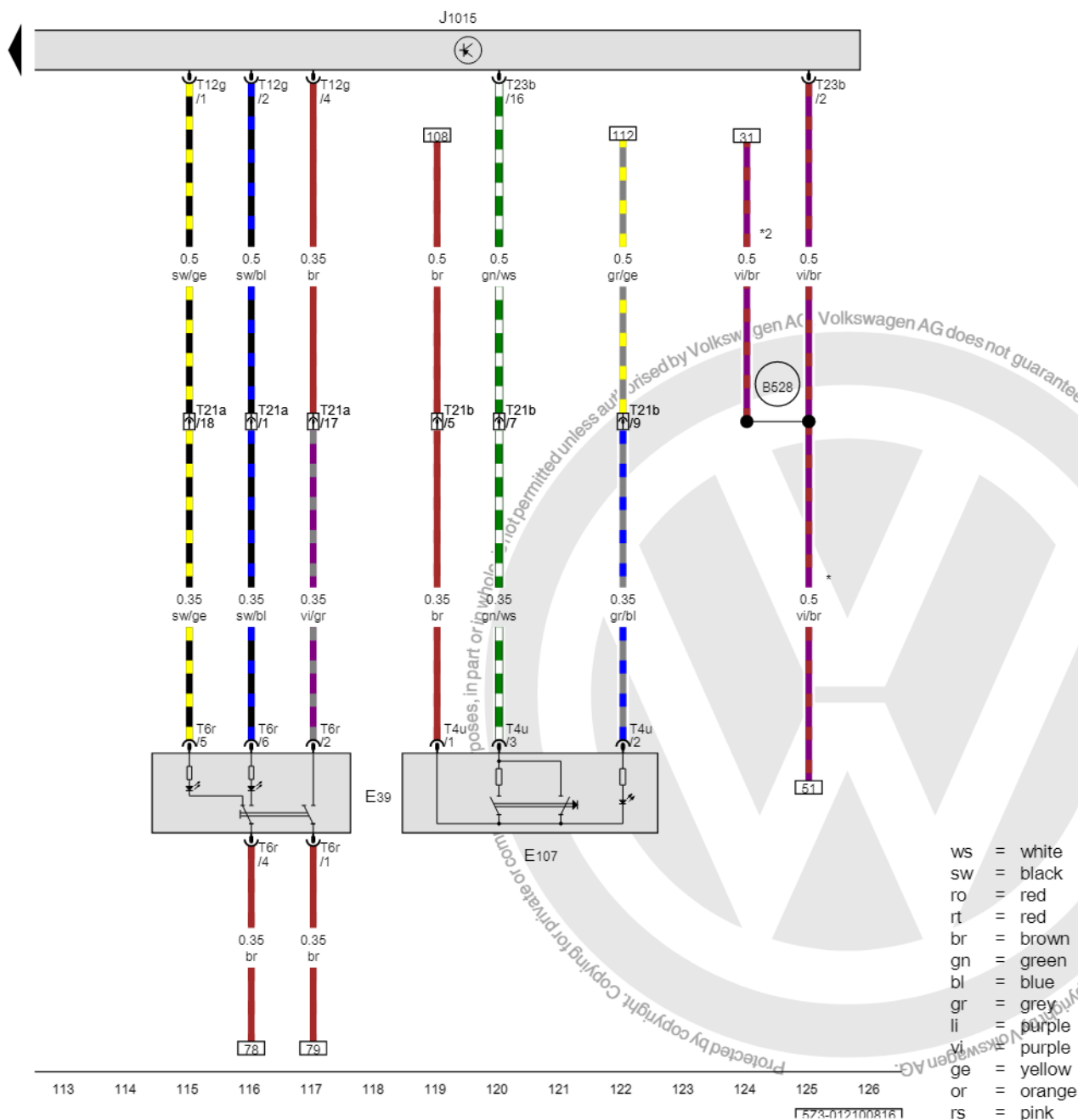


Rear left window regulator switch, in door, Rear right window regulator switch, in door, Central control unit for window regulators, Window regulator switch illumination bulb

- E52 Rear left window regulator switch, in door
- E54 Rear right window regulator switch, in door
- J1015 Central control unit for window regulators
- L53 Window regulator switch illumination bulb
- T4aa 4-pin connector
- T4ab 4-pin connector
- T6m 6-pin connector, in rear right door
- T6p 6-pin connector, in rear left door
- T12g 12-pin connector
- T21a 21-pin connector, in driver door

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

ws = white  
 sw = black  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
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 rs = pink



Rear window regulator isolation switch, Window regulator switch in front passenger door, Central control unit for window regulators

- E39 Rear window regulator isolation switch
- E107 Window regulator switch in front passenger door
- J1015 Central control unit for window regulators
- T4u 4-pin connector
- T6r 6-pin connector
- T12g 12-pin connector
- T21a 21-pin connector, in driver door
- T21b 21-pin connector, in front passenger door
- T23b 23-pin connector

B528 Connection 1 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

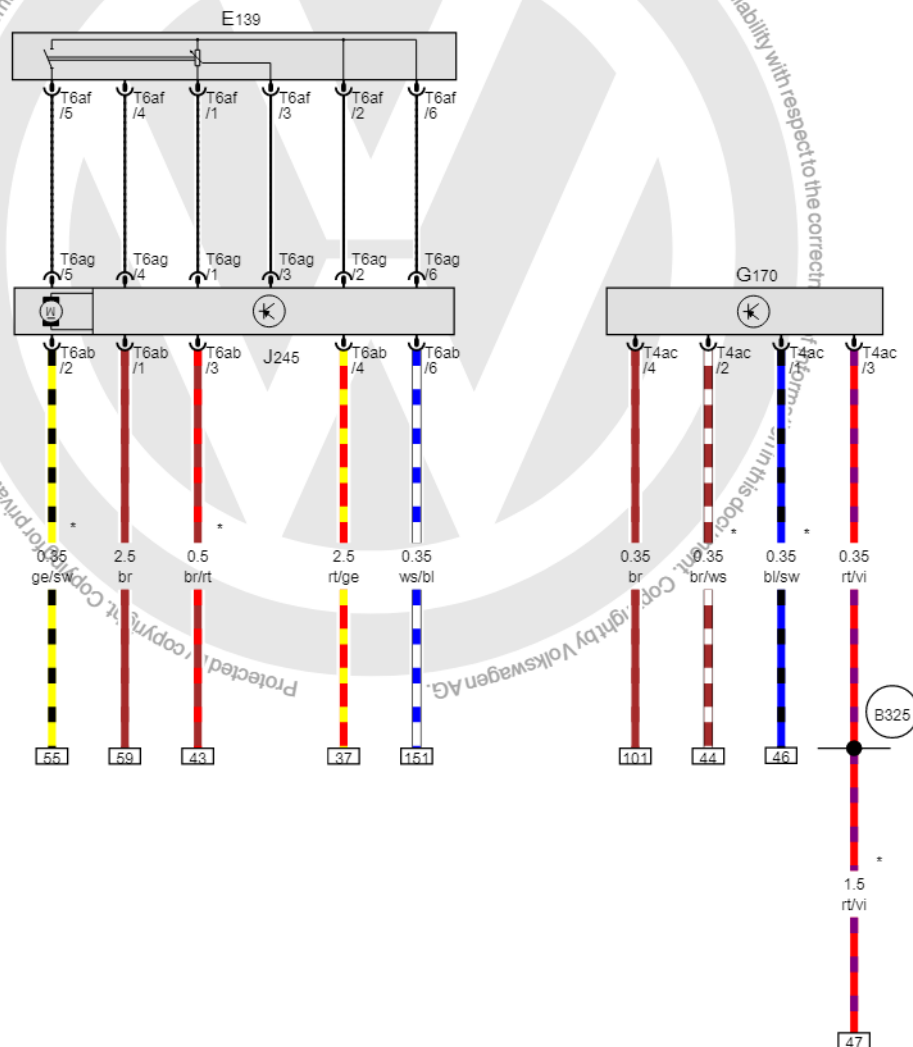
- ws = white
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Sliding sunroof adjustment regulator, Left ultrasonic sensor for anti-theft alarm system, Sliding sunroof adjustment control unit

- E139 Sliding sunroof adjustment regulator
- G170 Left ultrasonic sensor for anti-theft alarm system
- J245 Sliding sunroof adjustment control unit
- T4ac 4-pin connector
- T6ab 6-pin connector
- T6af 6-pin connector
- T6ag 6-pin connector

B325 Positive connection 11 (30a) in main wiring harness

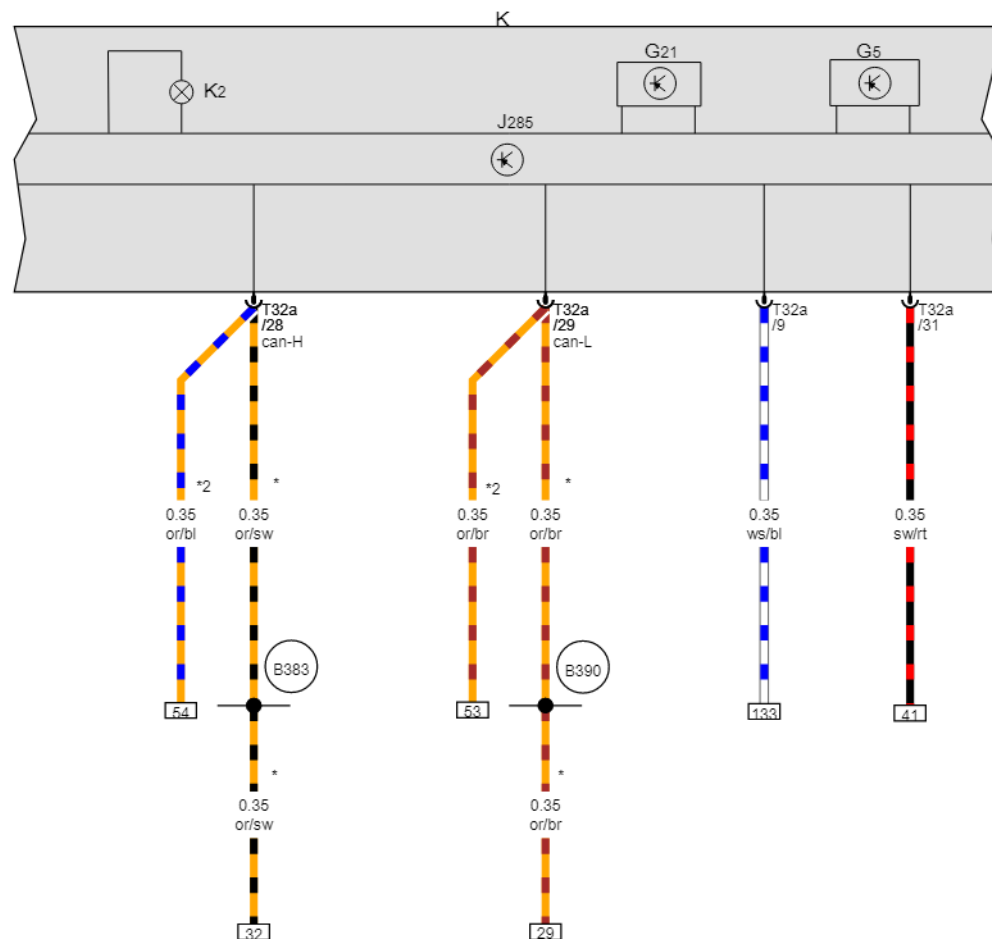
\* Only models with onboard supply control unit BCM



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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

1573-012120816



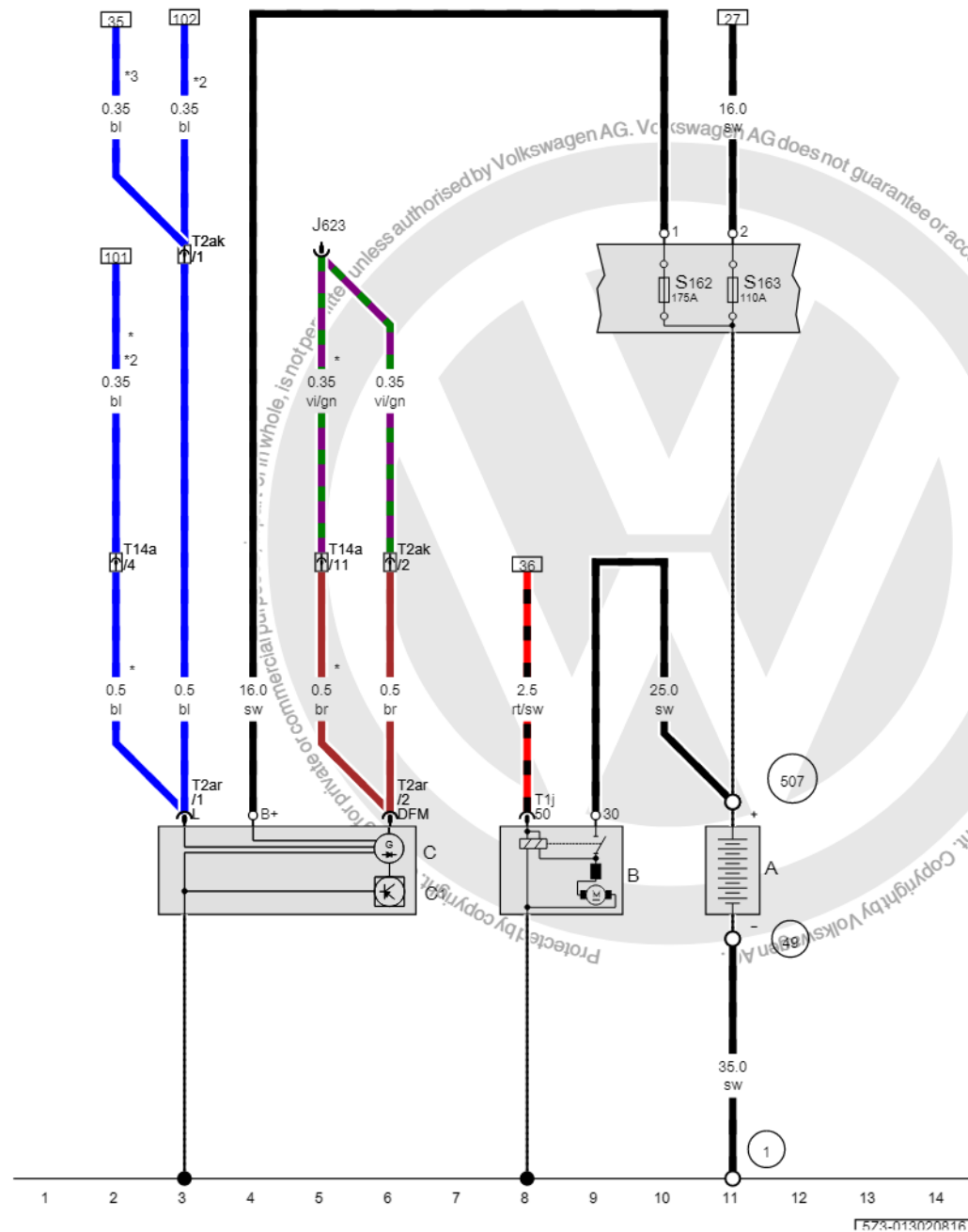
## Airbag systems

From April 2013



Battery, Starter, Alternator, Voltage regulator

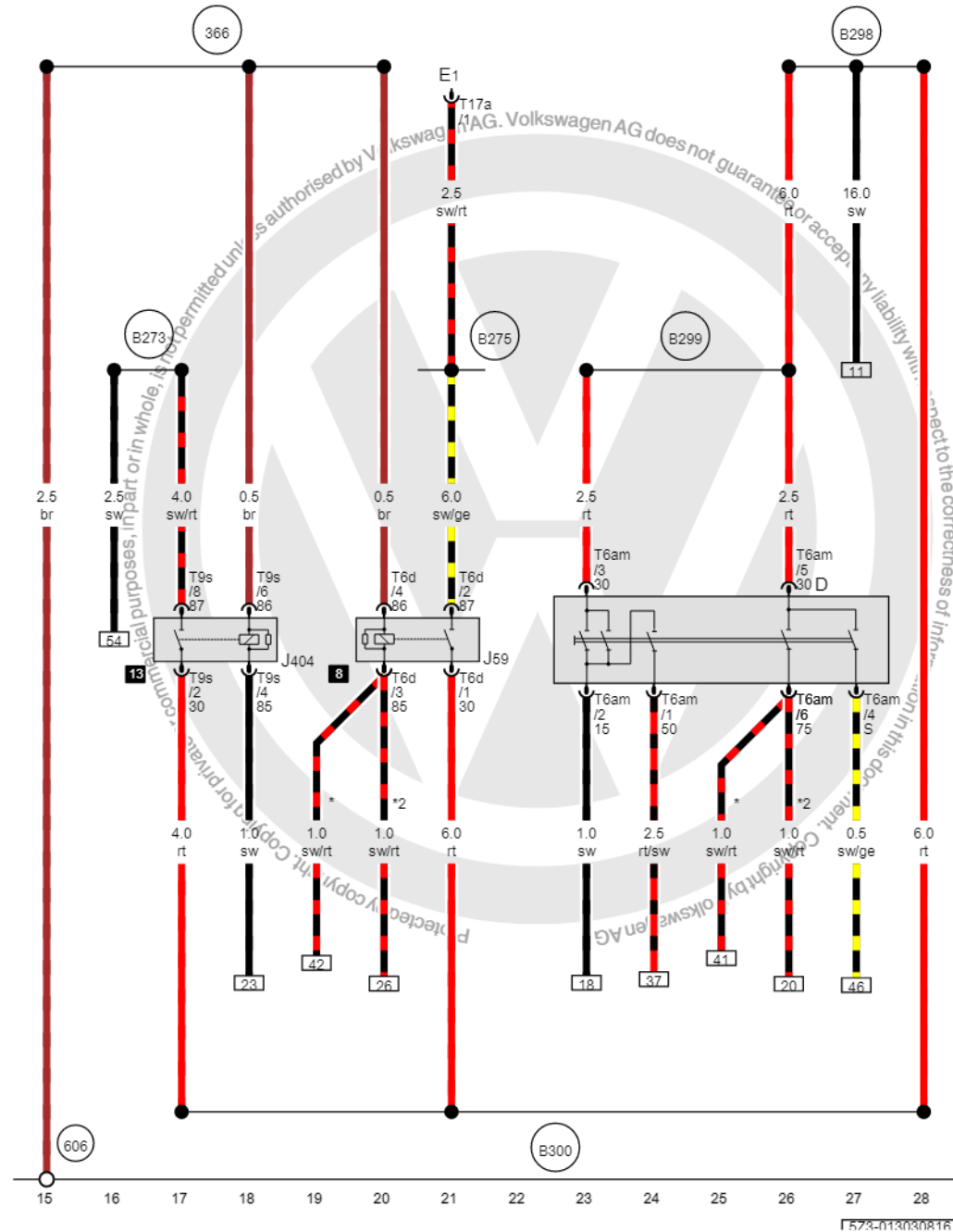
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

D Ignition/starter switch  
E1 Light switch  
J59 X-contact relief relay  
J404 Terminal 15 relief relay  
T6am 6-pin connector  
T6d 6-pin connector  
T9s 9-pin connector  
T17a 17-pin connector

366 Earth connection 1, in main wiring harness  
606 Earth point, under the centre console near gear stick  
B273 Positive connection (15), in main wiring harness  
B275 Positive connection (87), in main wiring harness  
B298 Positive connection 2 (30), in main wiring harness  
B299 Positive connection 3 (30), in main wiring harness  
B300 Positive connection 4 (30), in main wiring harness  
\* Only models with onboard supply control unit BCM  
\*2 Only models with onboard supply control unit BFM



# Onboard supply control unit

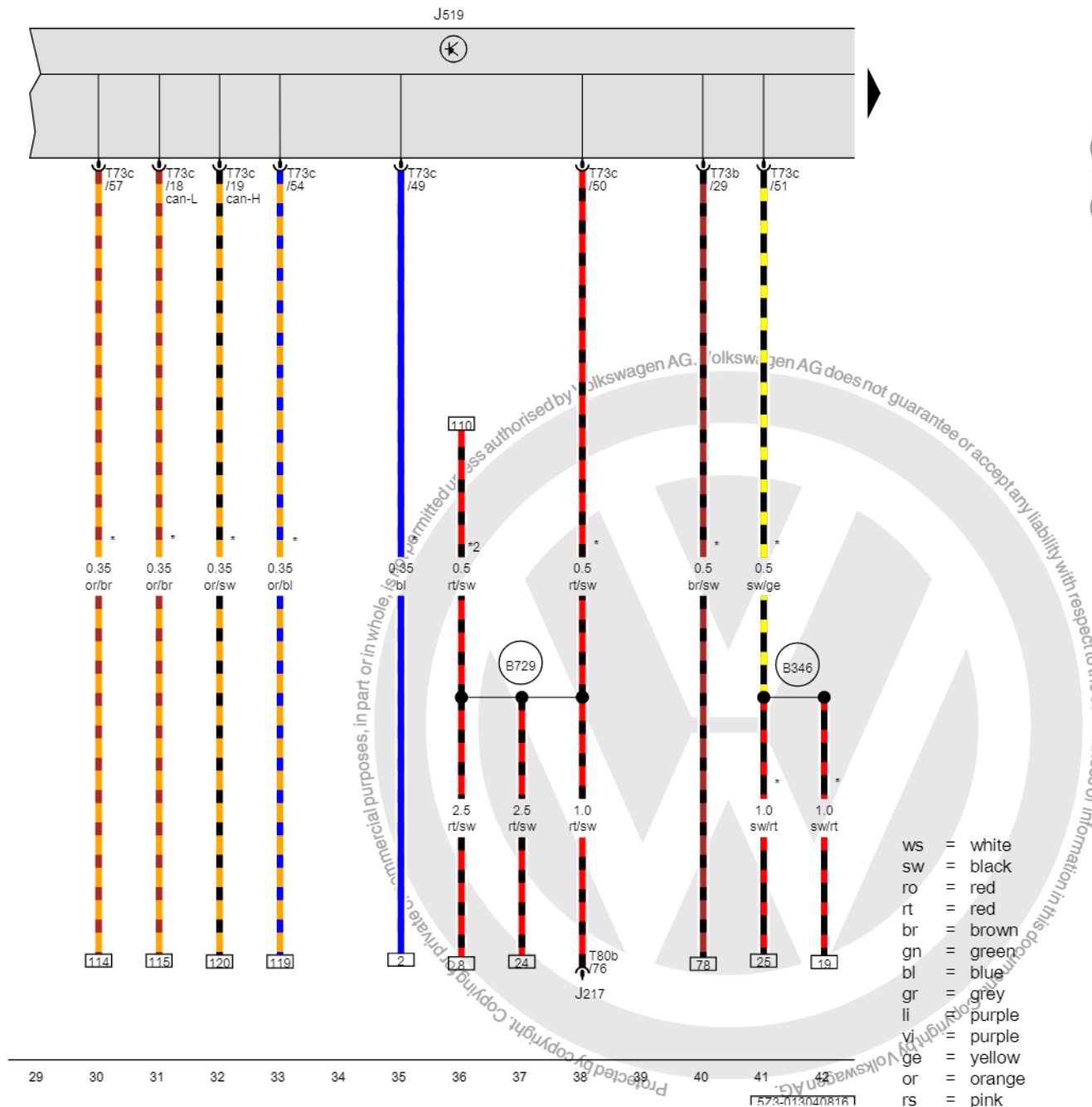
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector

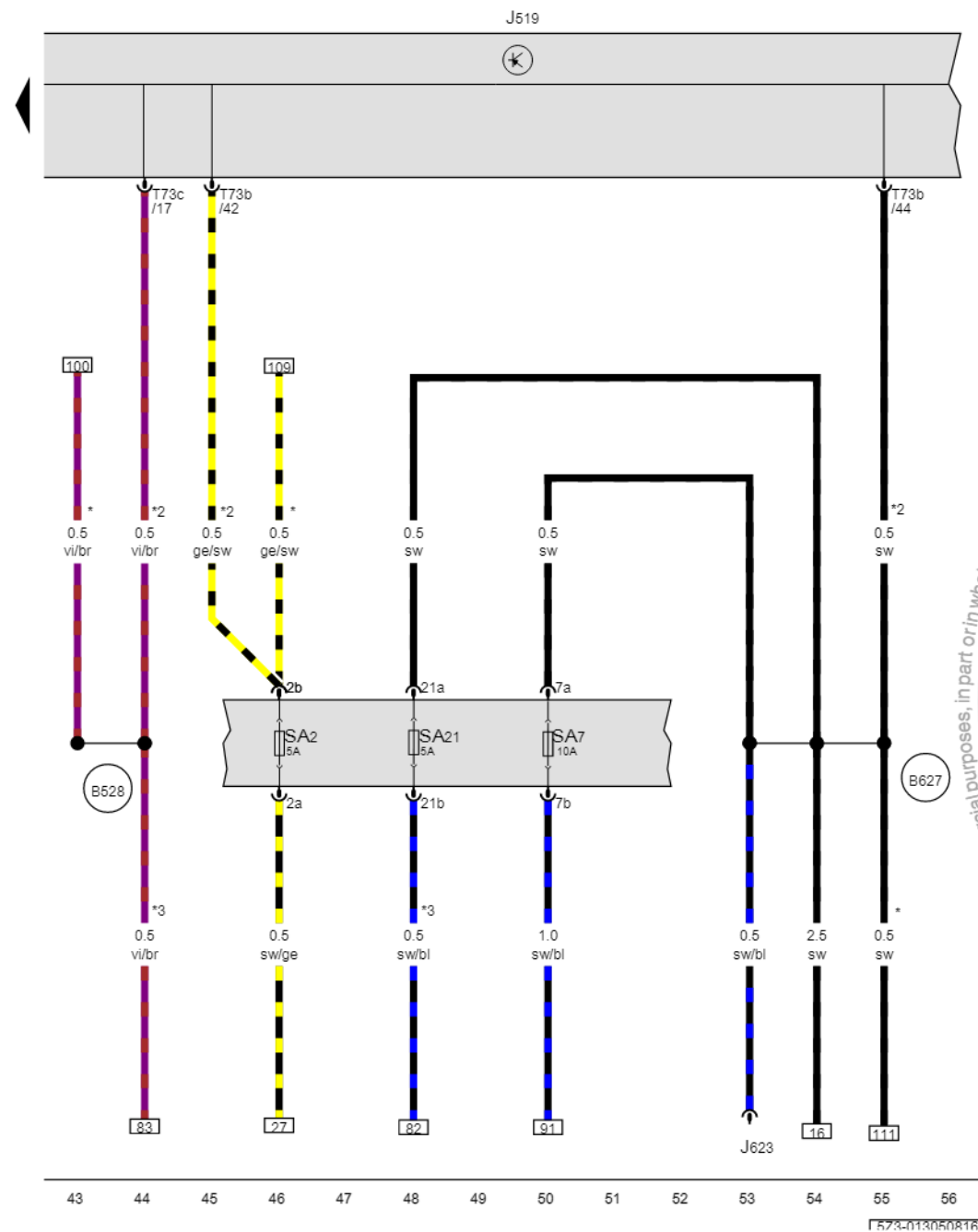
B346 Connection 1 (75), in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM





# Onboard supply control unit

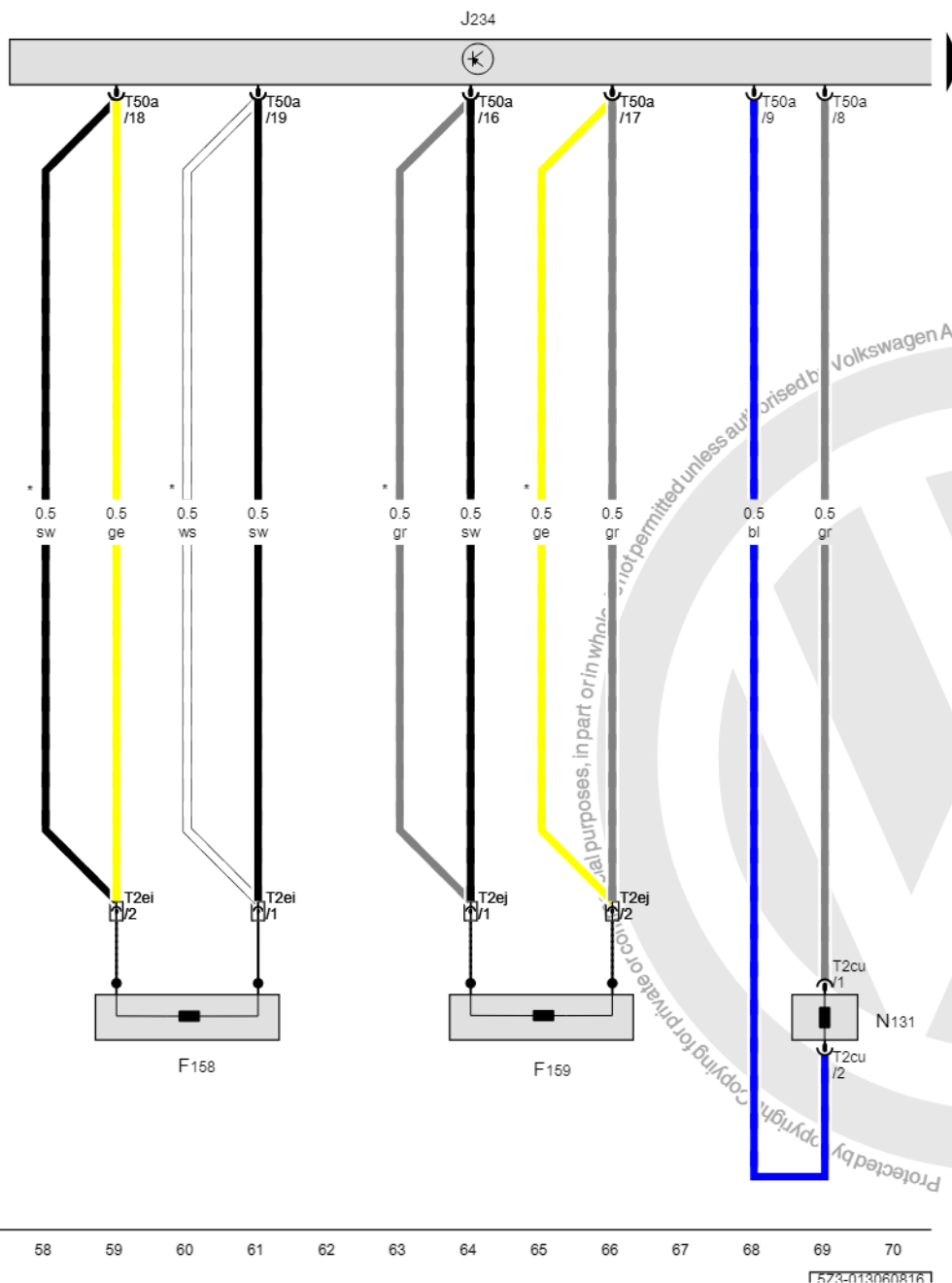
- J519 Onboard supply control unit
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SA7 Fuse 7 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector

- B528 Connection 1 (LIN bus) in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

AG. Volkswagen AG does not accept any liability with respect to the correctness of information in this document.

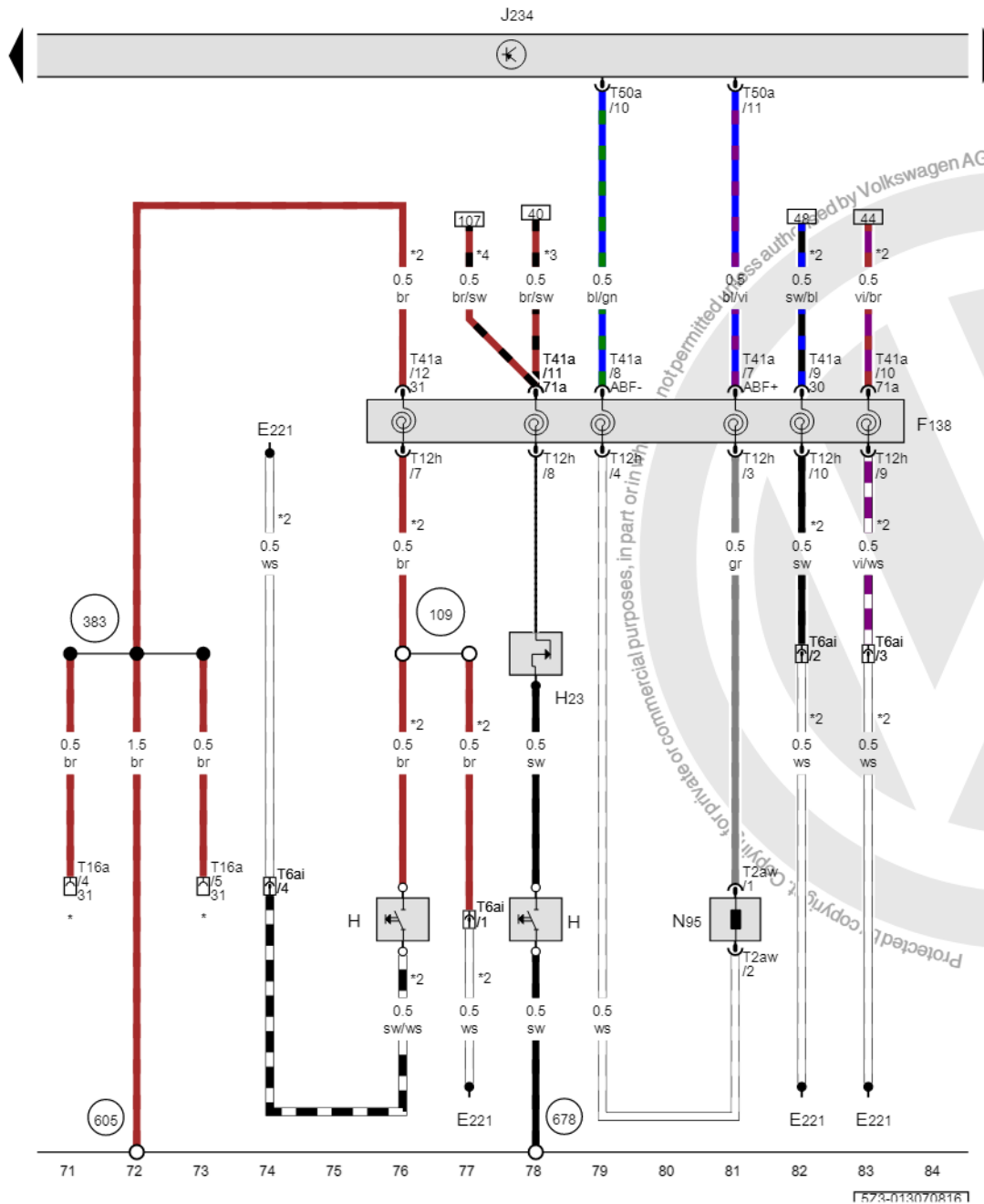
Belt tensioner switch 1, Belt tensioner switch 2, Airbag control unit, Front passenger side airbag igniter 1

- F158 Belt tensioner switch 1, on driver seat belt tensioner igniter 1
- F159 Belt tensioner switch 2, on front passenger side seat belt tensioner igniter 2
- J234 Airbag control unit
- N131 Front passenger side airbag igniter 1
- T2cu 2-pin connector
- T2ei 2-pin connector
- T2ej 2-pin connector
- T50a 50-pin connector
- \* Only models with 4-doors



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Airbag coil connector and return ring with slip ring, Horn plate, Horn activation contact ring, Airbag control unit, Driver side airbag igniter



- E221 Operating unit in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- H23 Horn activation contact ring
- J234 Airbag control unit
- N95 Driver side airbag igniter
- T2aw 2-pin connector
- T6ai 6-pin connector
- T12h 12-pin connector
- T16a 16-pin connector
- T41a 41-pin connector
- T50a 50-pin connector

109 Earth connection, in airbag wiring harness

383 Earth connection 18, in main wiring harness

605 Earth point, on top end of steering column

678 Earth point, on steering wheel

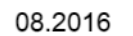
\* Diagnostic connection

\*2 Only models with operating unit for radio

\*3 Only models with onboard supply control unit BCM

\*4 Only models with onboard supply control unit BFM

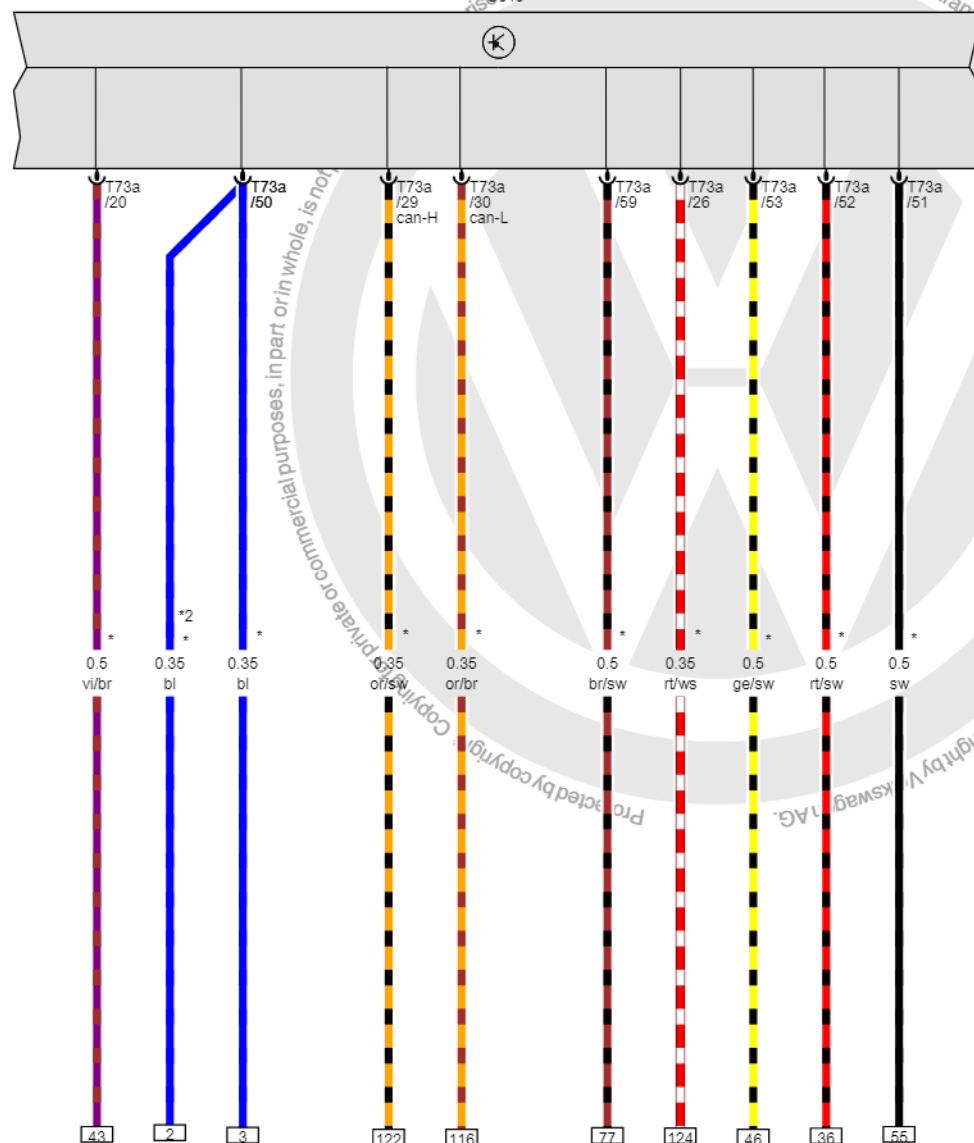
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 li = purple  
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 ge = yellow  
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# Onboard supply control unit

- J519 Onboard supply control unit
- T73a 73-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with BlueMotion equipment



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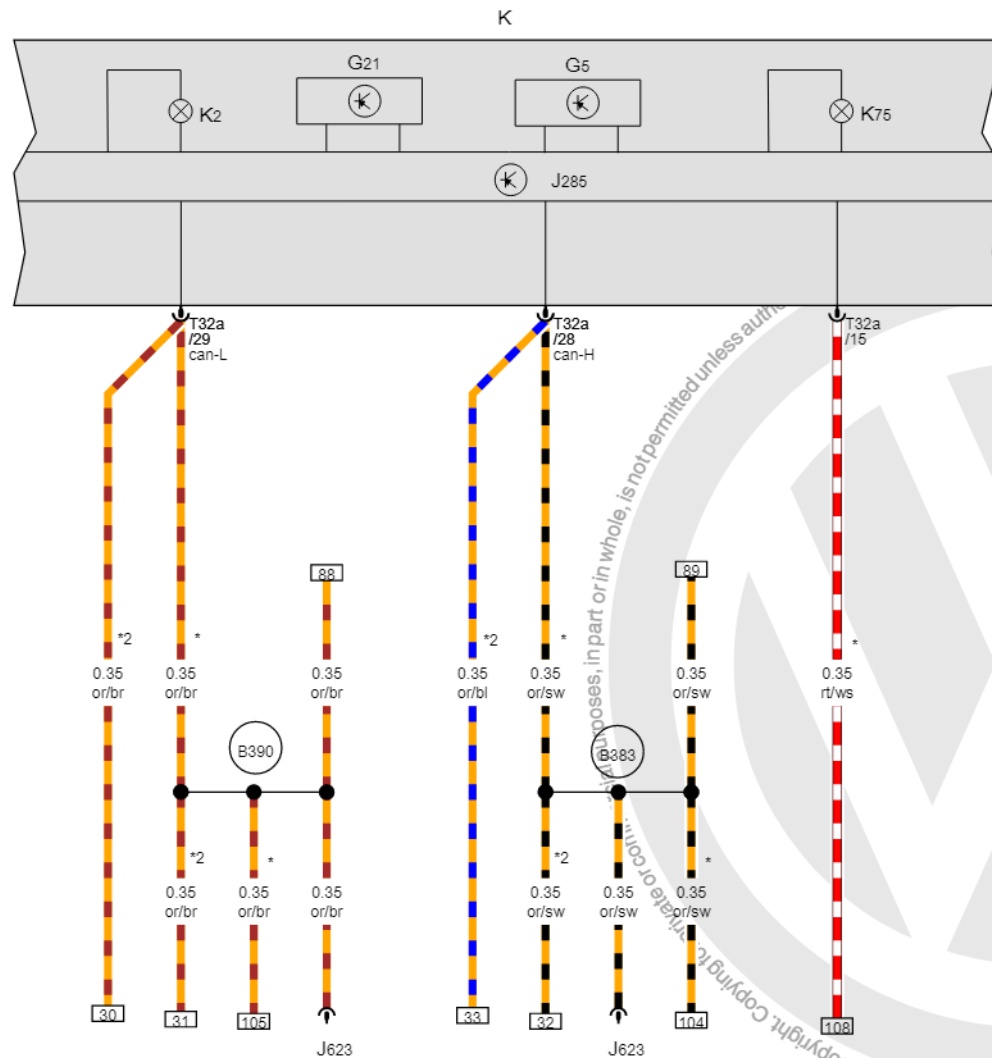
99 100 101 102 103 104 105 106 107 108 109 110 111 112

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Airbag warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K75 Airbag warning lamp
- T32a 32-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

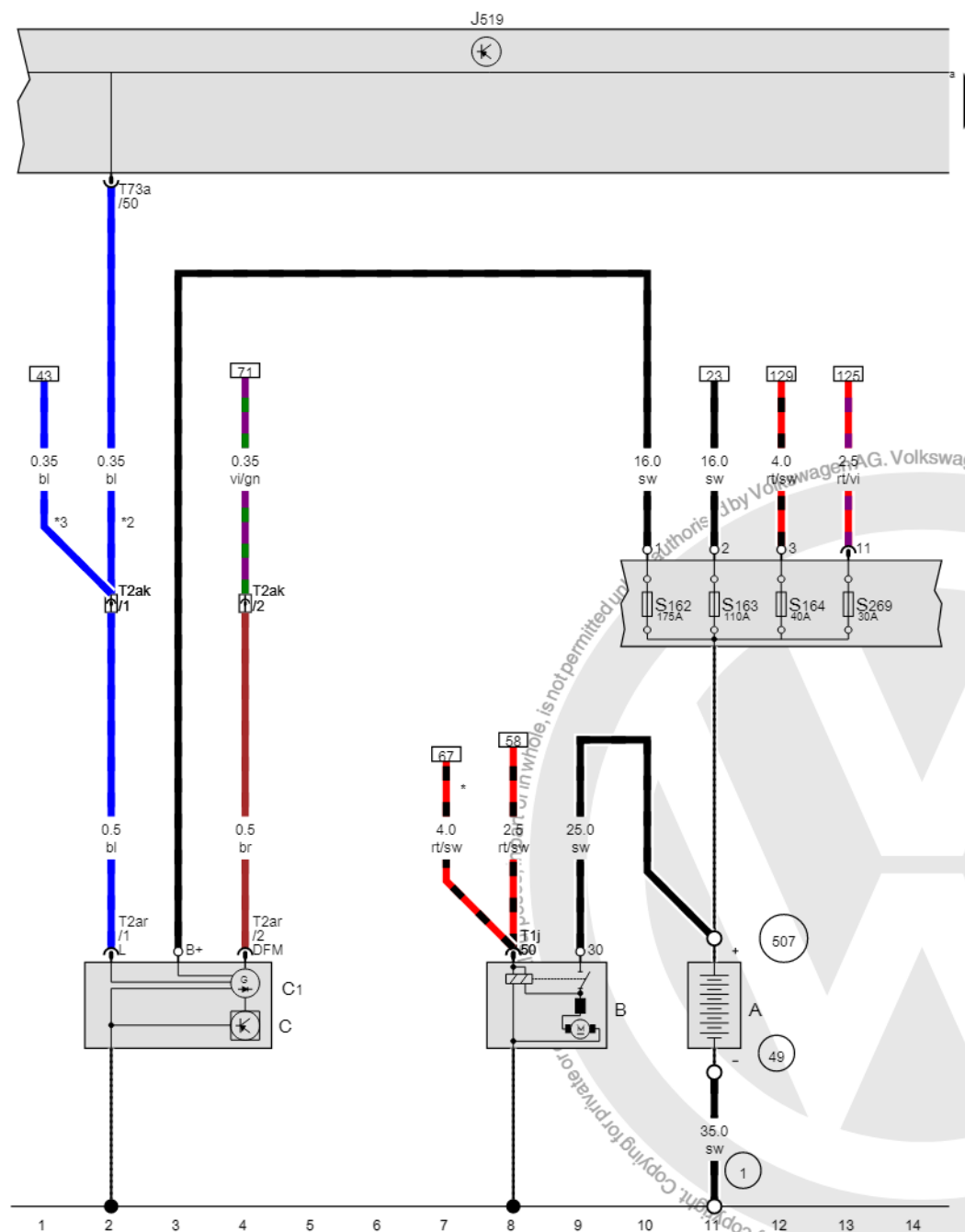


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- rs = pink

## 1.6l petrol engine , CFZA

From April 2013





Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with automated manual gearbox
- \* Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

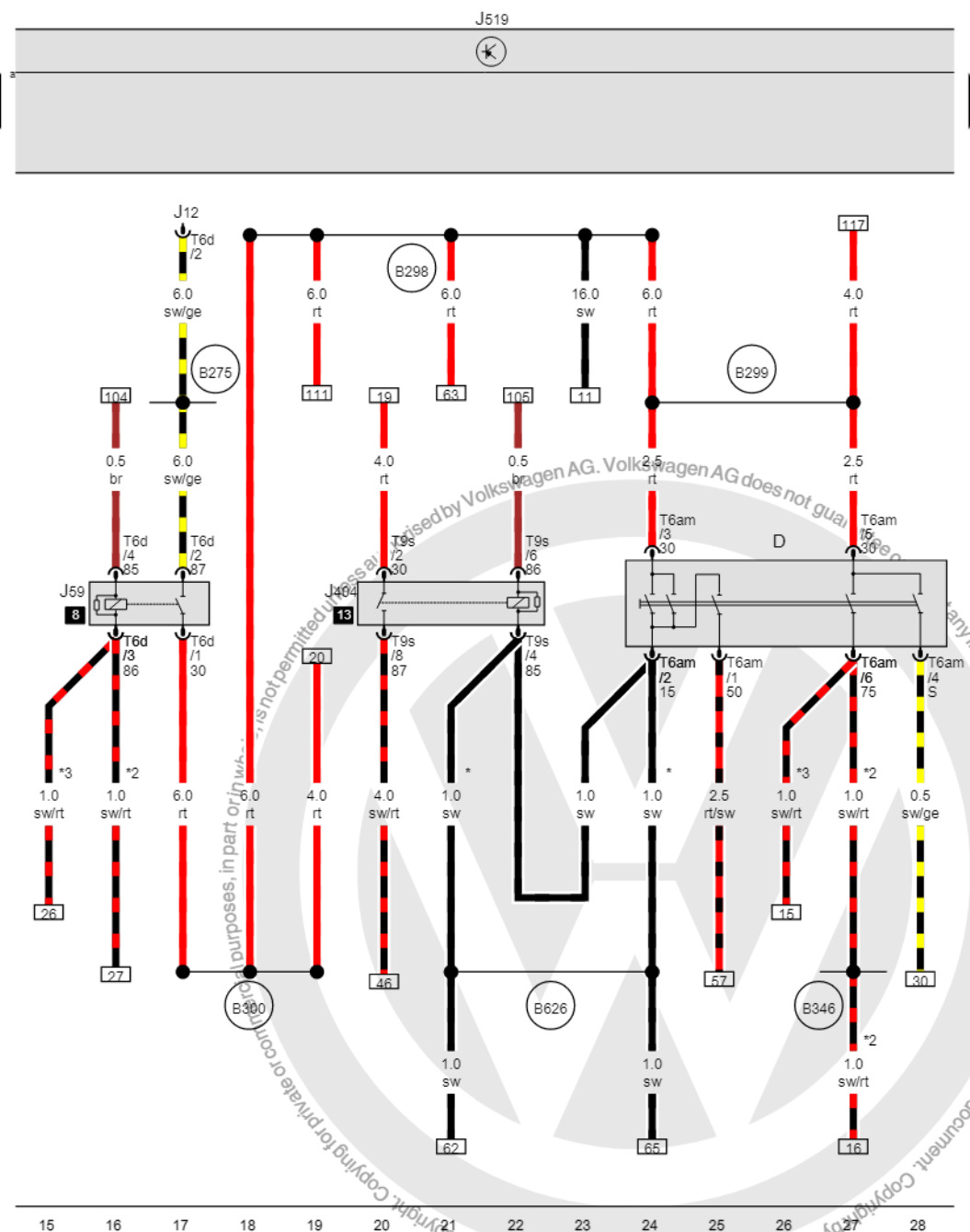
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

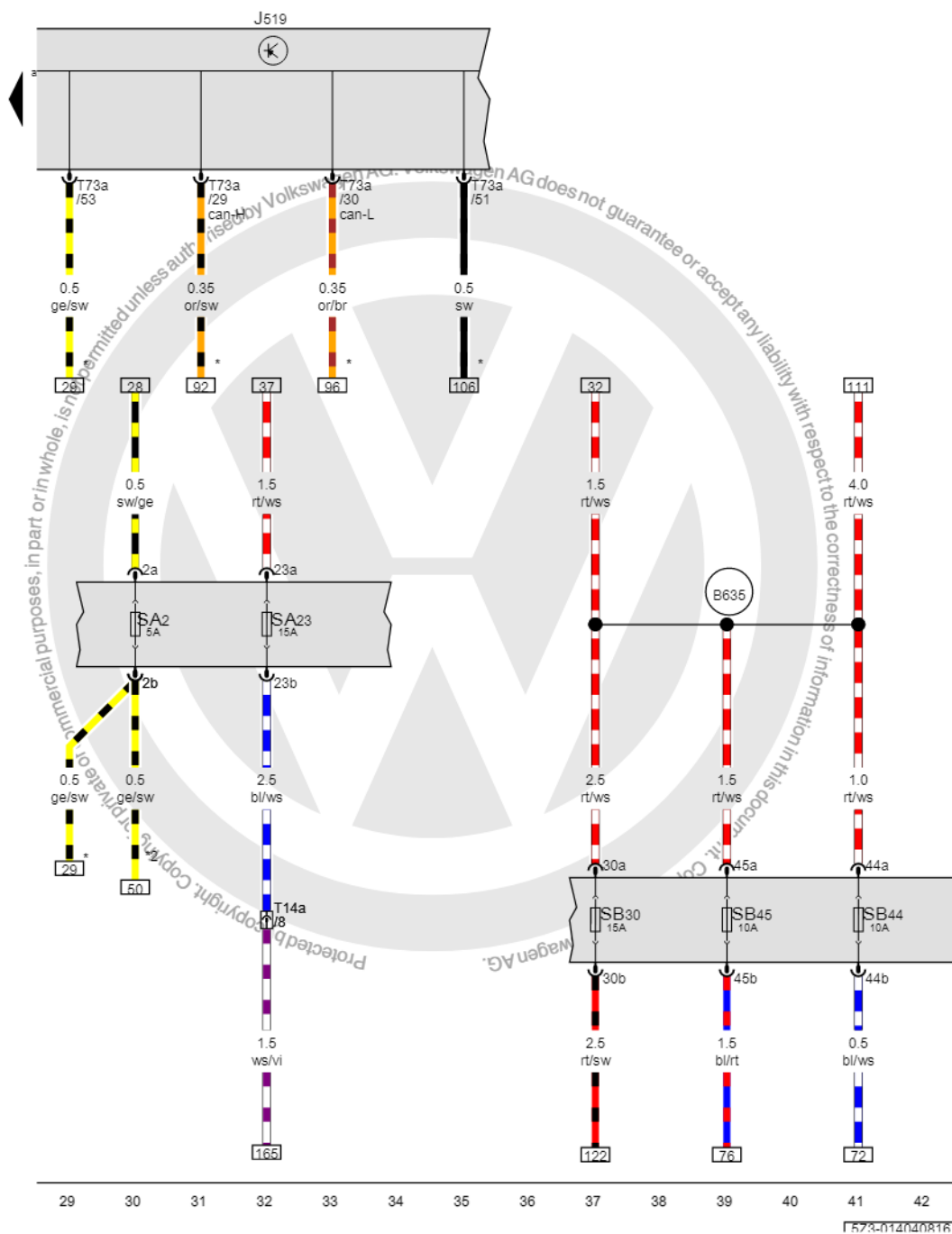
- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector

- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness
- (B626) Positive connection 2 (15), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

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gn = green  
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# Onboard supply control unit

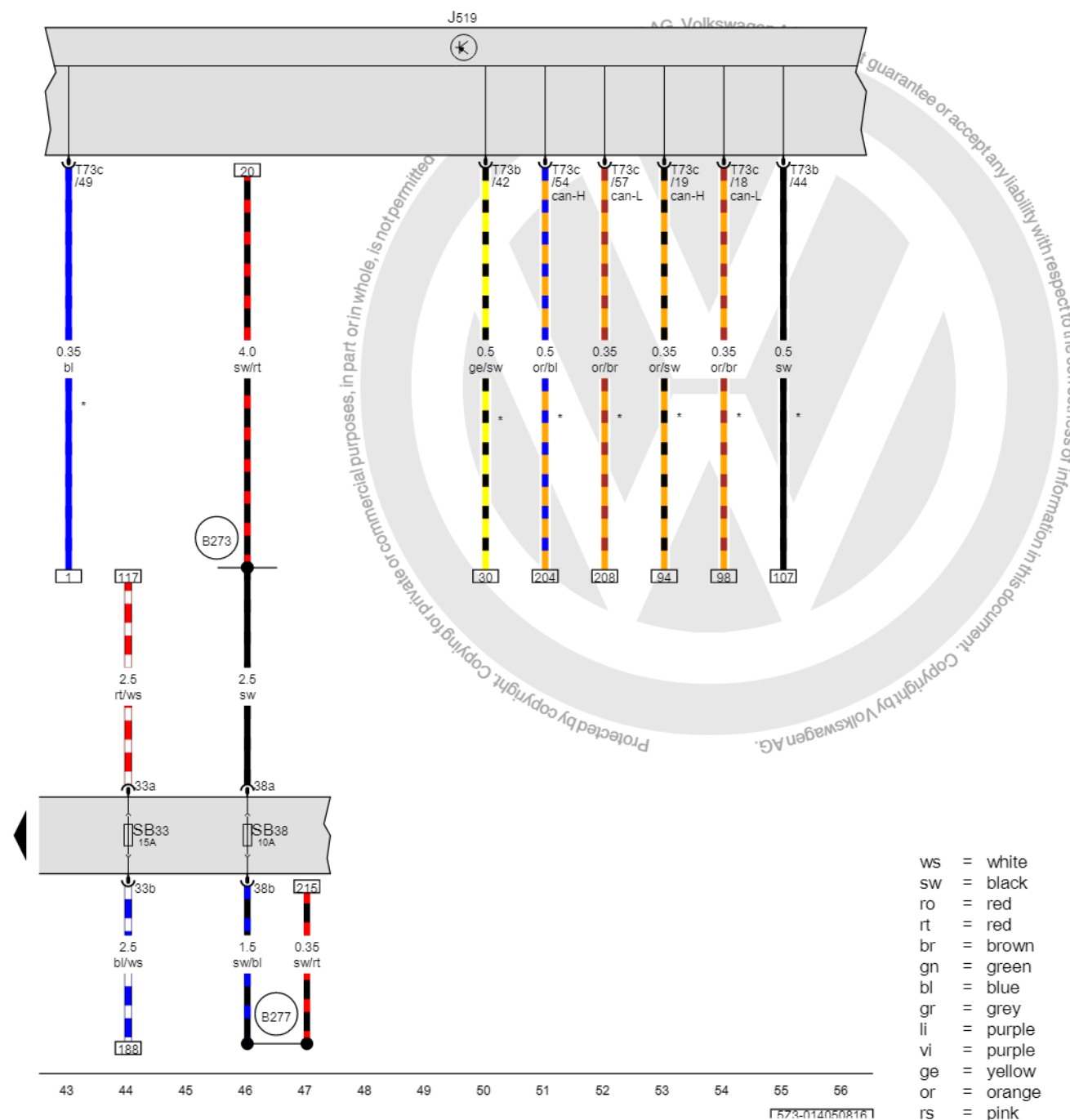
- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA23 Fuse 23 in fuse holder A
- SB30 Fuse 30 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T14a 14-pin connector
- T73a 73-pin connector

B635 Positive connection 3 (87), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

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gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



# Onboard supply control unit

- J519 Onboard supply control unit
- SB33 Fuse 33 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

B273 Positive connection (15), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

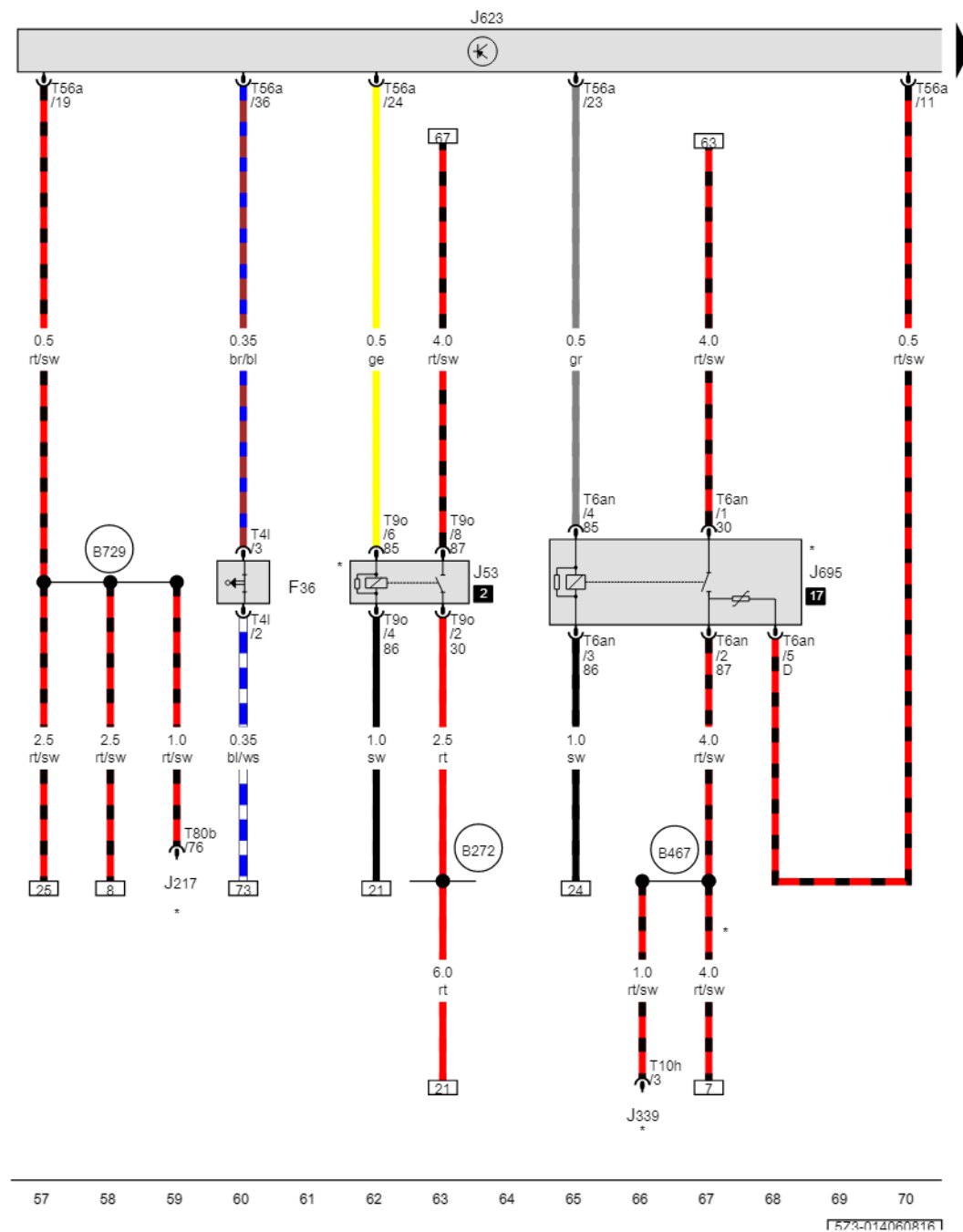
\* Only models with onboard supply control unit BCM

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- ge = yellow
- or = orange
- rs = pink

Clutch pedal switch, Starter motor relay, Engine control unit,  
Starter motor relay 2

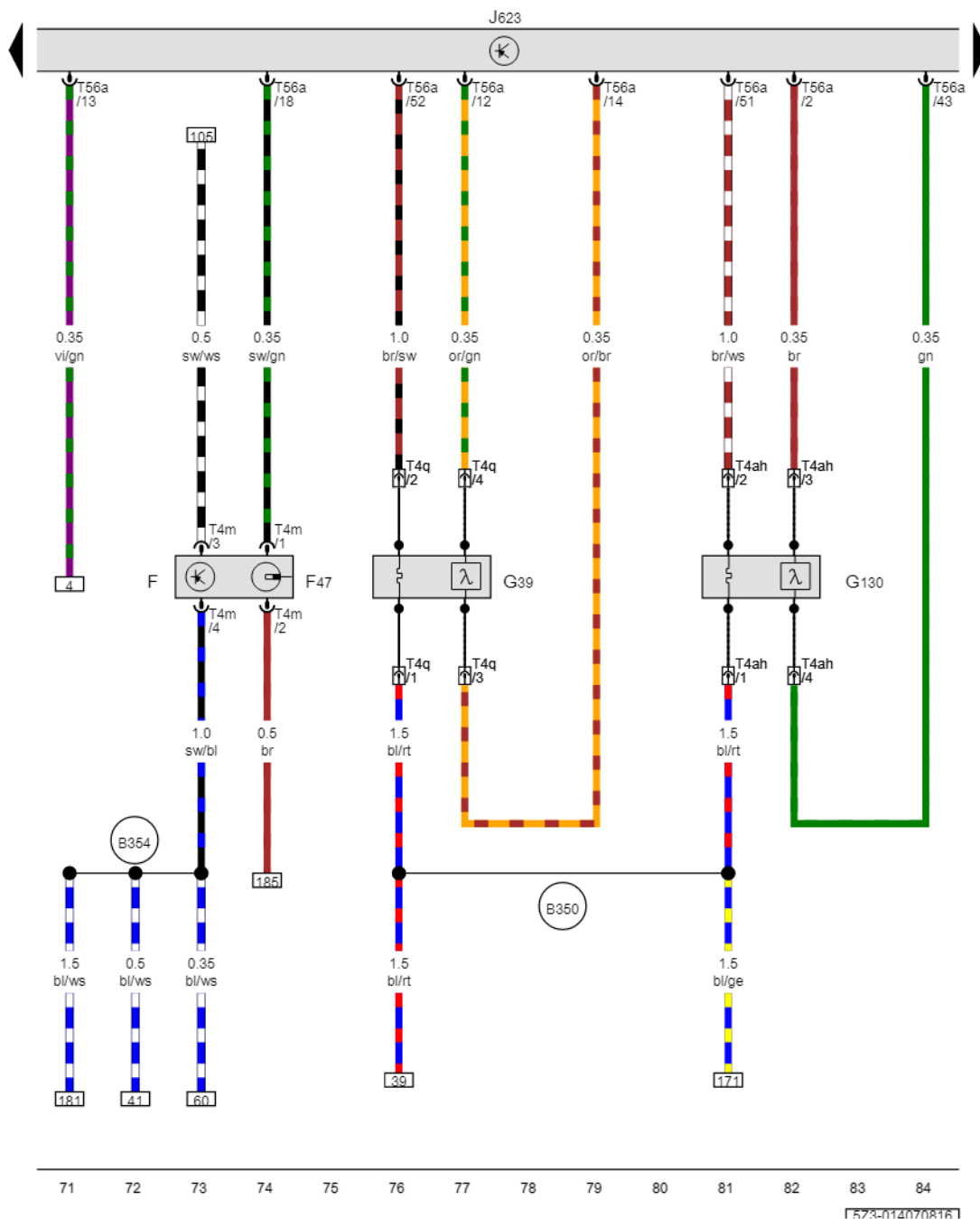
- F36 Clutch pedal switch
- J53 Starter motor relay
- J217 Automatic gearbox control unit
- J339 X contact relief relay 2
- J623 Engine control unit
- J695 Starter motor relay 2
- T4l 4-pin connector
- T6an 6-pin connector
- T9o 9-pin connector
- T10h 10-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

- (B272) Positive connection (30), in main wiring harness
- (B467) Connection 3, in main wiring harness
- (B729) Connection 1 (50), in main wiring harness
- \* Only models with automated manual gearbox



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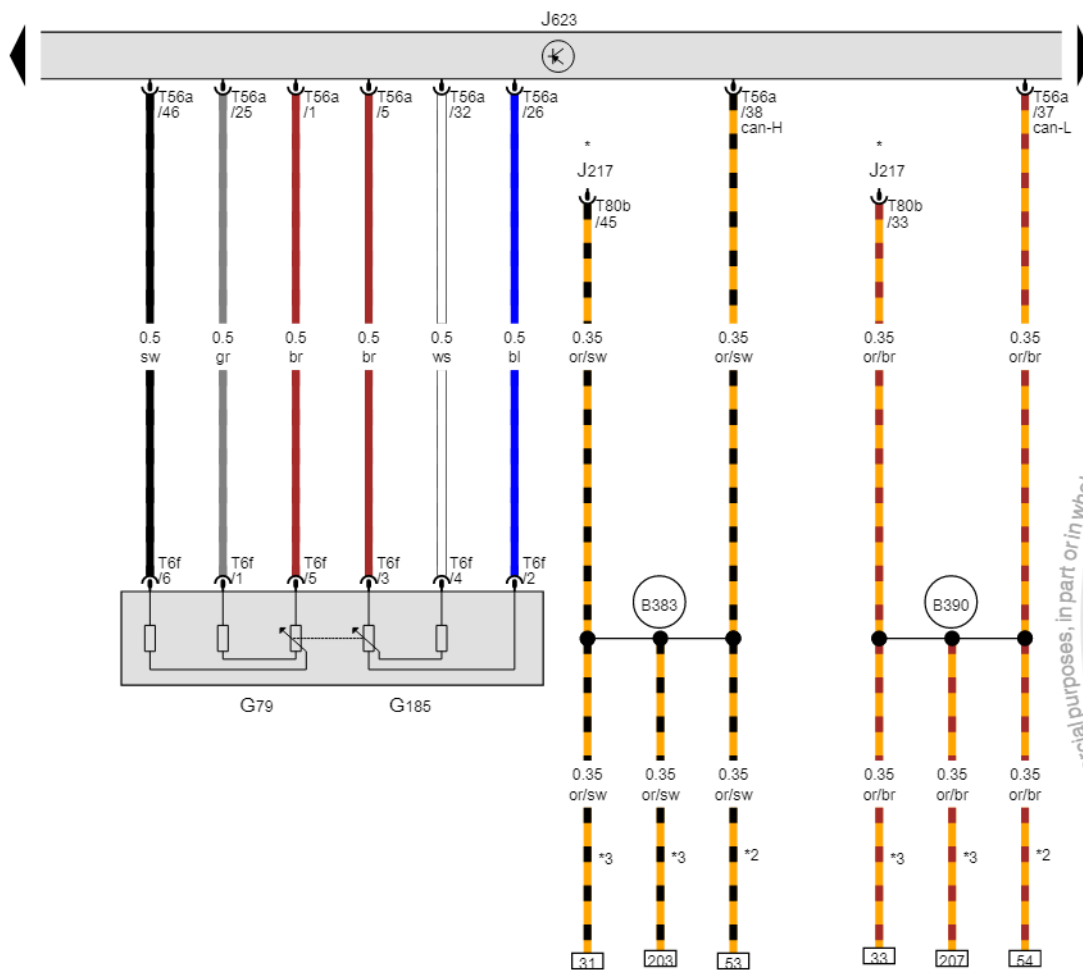
Brake light switch, Brake pedal switch, Lambda probe, Lambda probe after catalytic converter, Engine control unit

- F Brake light switch
- F47 Brake pedal switch
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4ah 4-pin connector
- T4m 4-pin connector
- T4q 4-pin connector
- T56a 56-pin connector

(B350) Positive connection 1 (87a) in main wiring harness

(B354) Positive connection 5 (87a) in main wiring harness



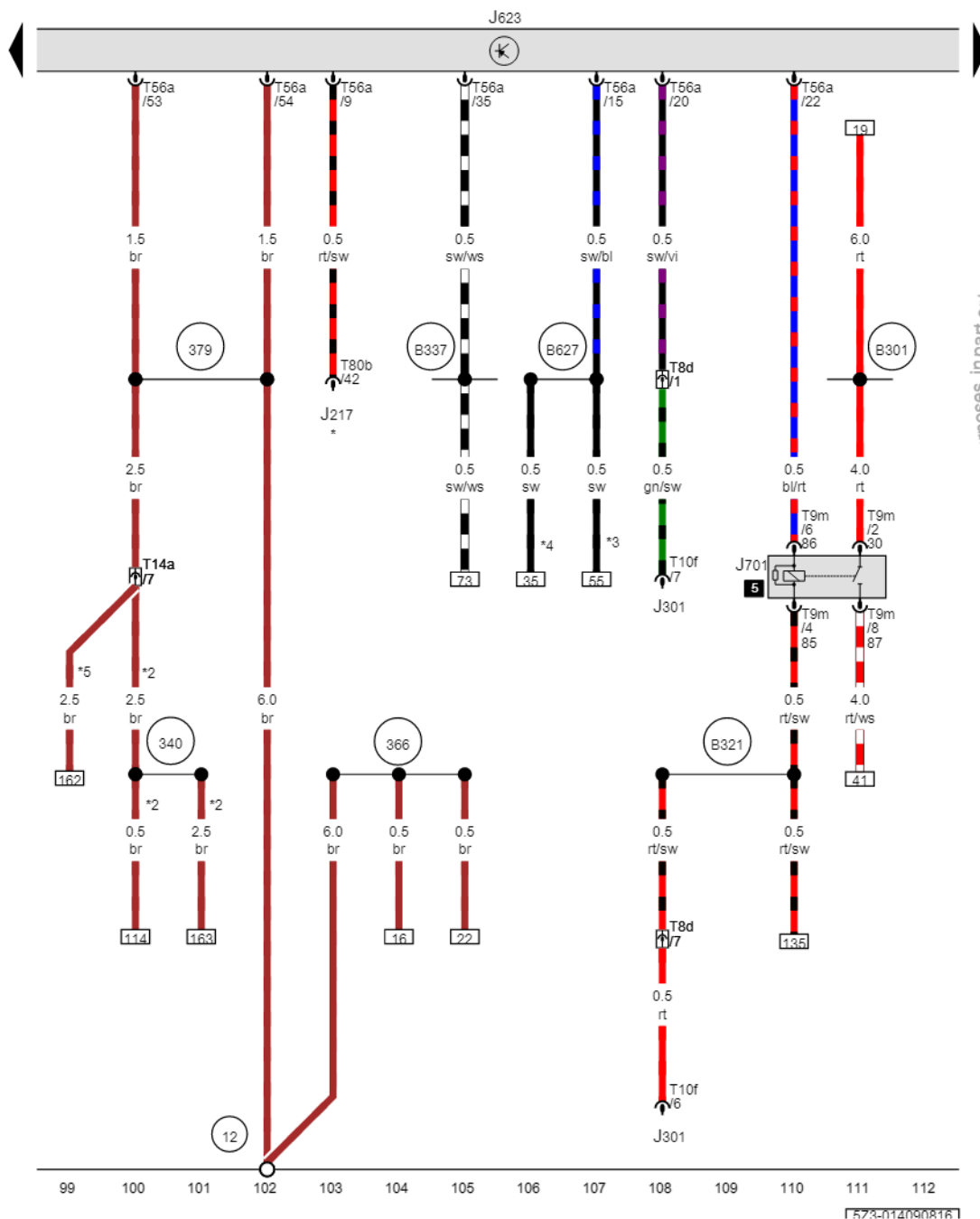


# Accelerator position sender, Accelerator position sender 2, Engine control unit

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T6f 6-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



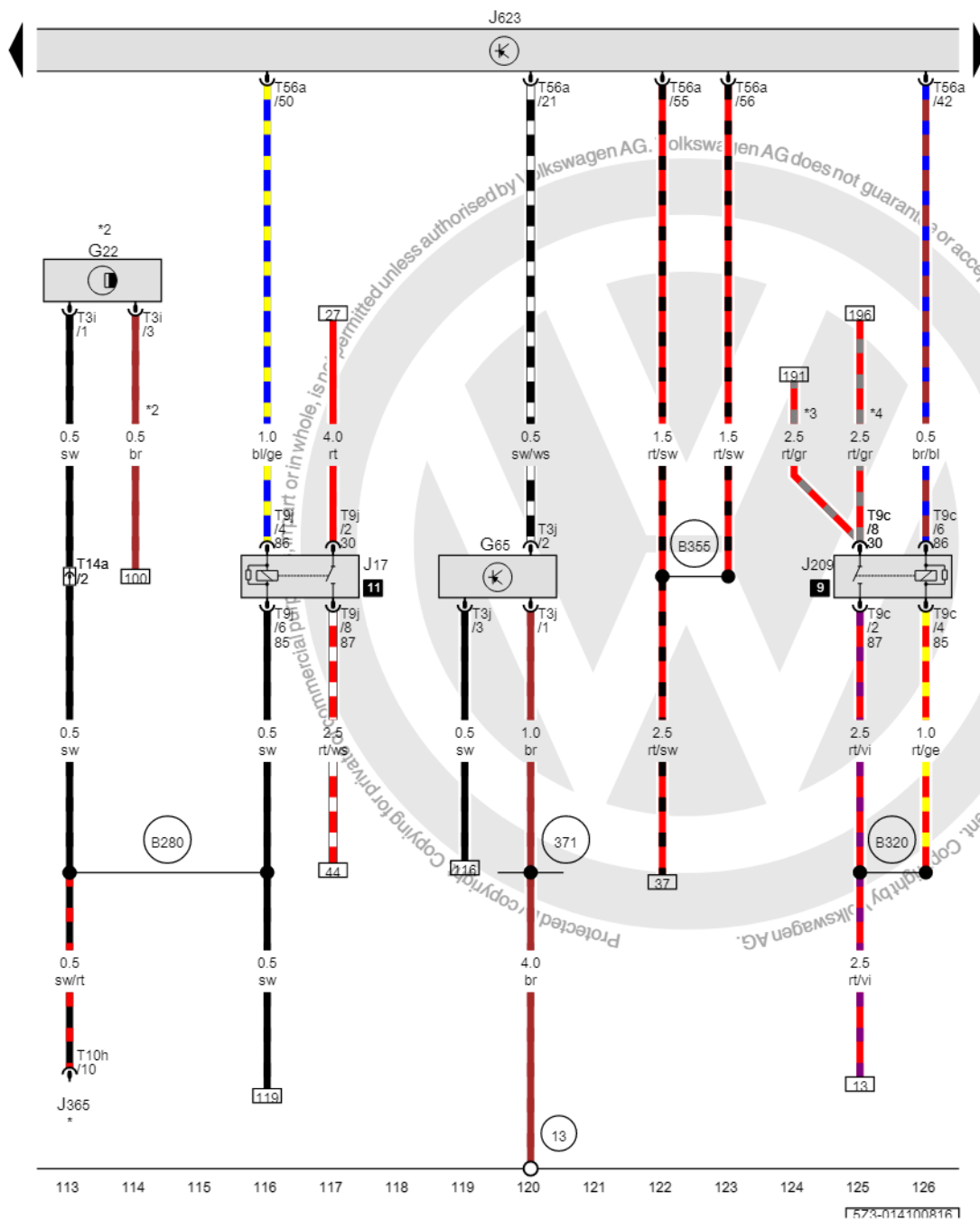
# Engine control unit, Voltage supply relay 1

- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J623 Engine control unit
- J701 Voltage supply relay 1
- T8d 8-pin connector, behind dash panel, centre
- T9m 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

- 12 Earth point, on left in engine compartment
- 340 Earth connection 2, in injection system wiring harness
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Up to June 2013
- \*3 Only models with onboard supply control unit BCM
- \*4 Only models with onboard supply control unit BFM
- \*5 From July 2013

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



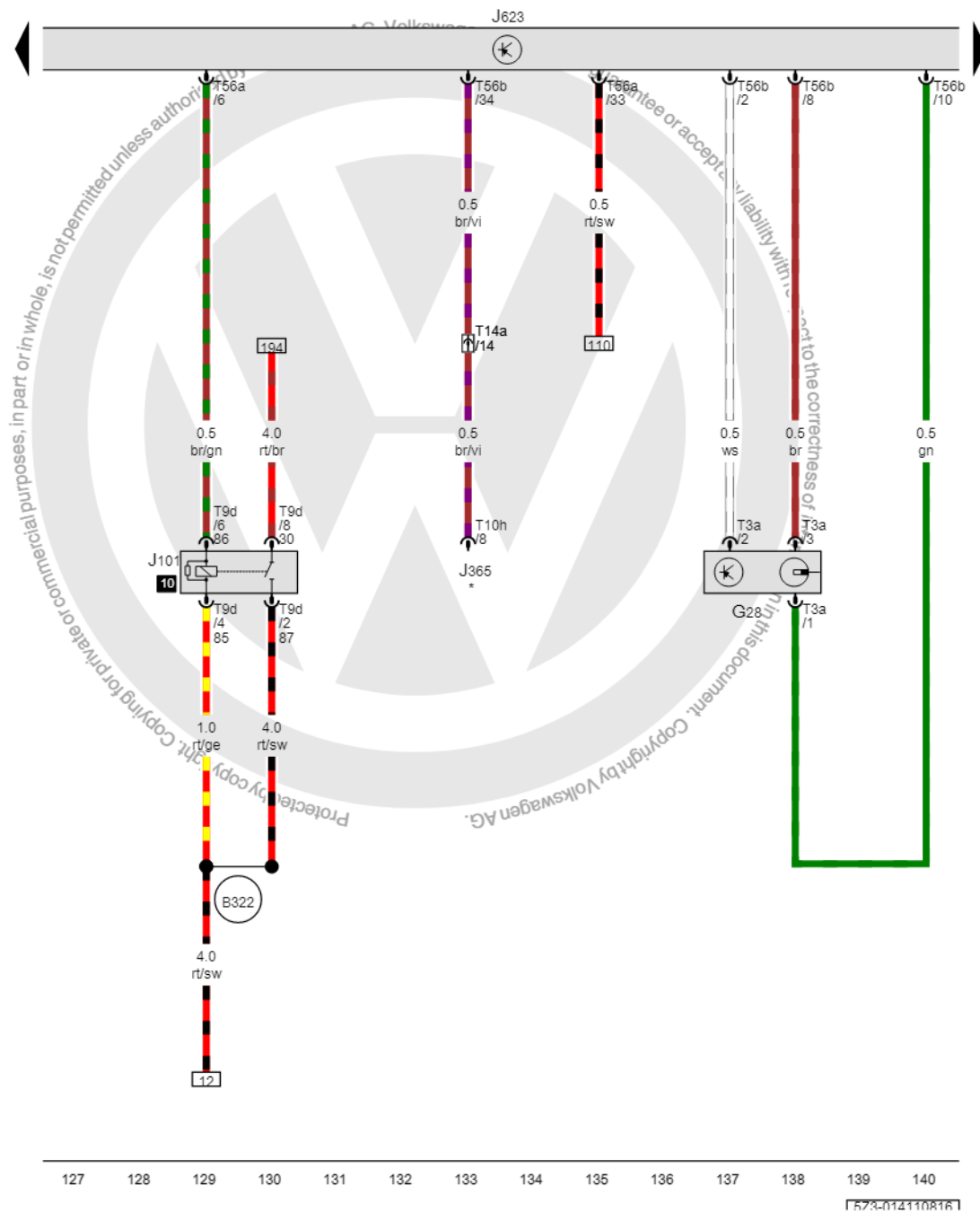
Speedometer sender, High-pressure sender, Fuel pump relay, Fresh air blower and radiator fan relay, Engine control unit

- G22 Speedometer sender
- G65 High-pressure sender
- J17 Fuel pump relay
- J209 Fresh air blower and radiator fan relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3i 3-pin connector
- T3j 3-pin connector
- T9c 9-pin connector
- T9j 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector
- T56a 56-pin connector

- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Up to June 2013
- \*3 Only models with no air conditioning system
- \*4 Only models with air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



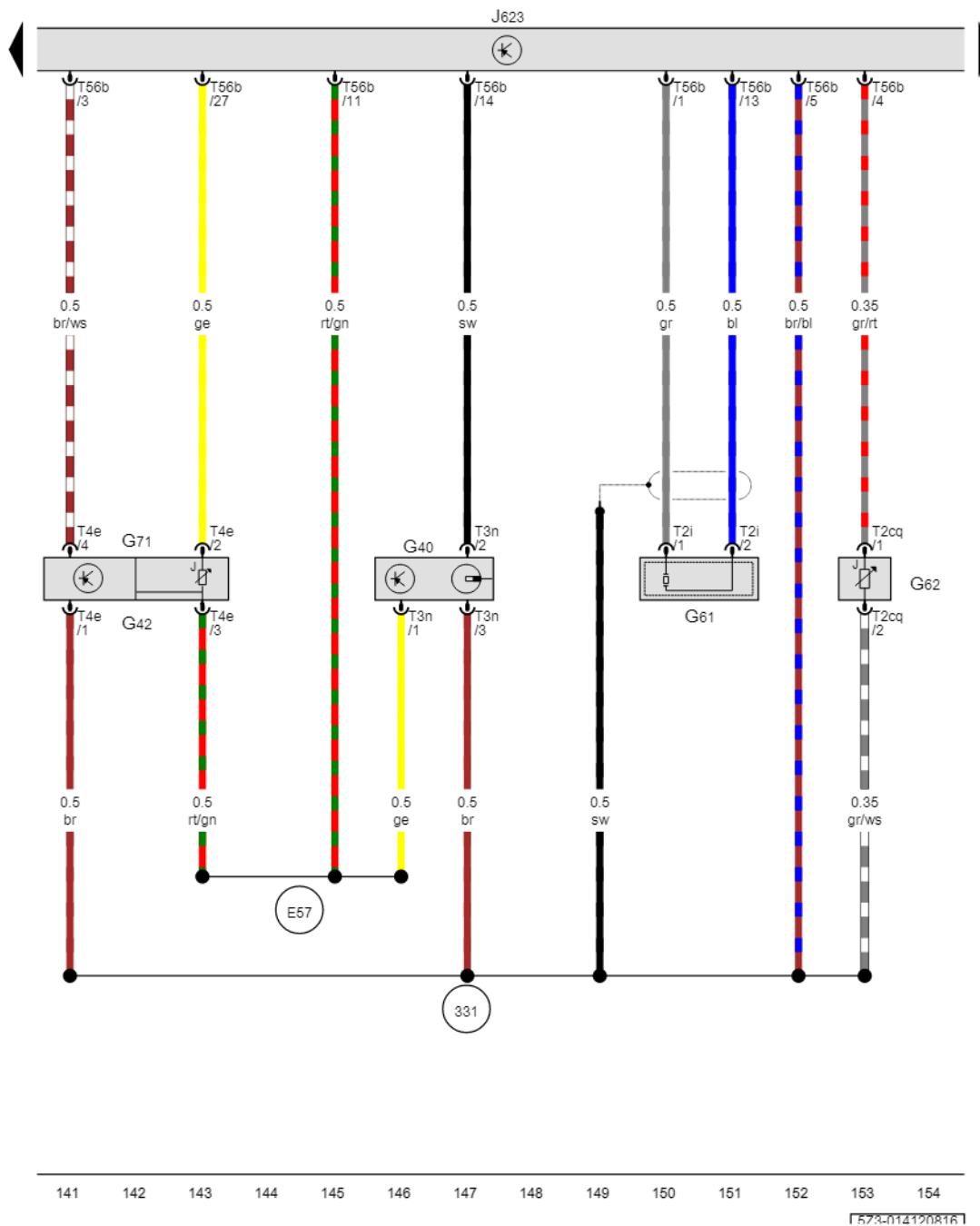
# Engine speed sender, Radiator fan 2nd speed relay, Engine control unit

- G28 Engine speed sender
- J101 Radiator fan 2nd speed relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3a 3-pin connector
- T9d 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector
- T56a 56-pin connector
- T56b 56-pin connector

B322 Positive connection 8 (30a) in main wiring harness

\* Only models with automated manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



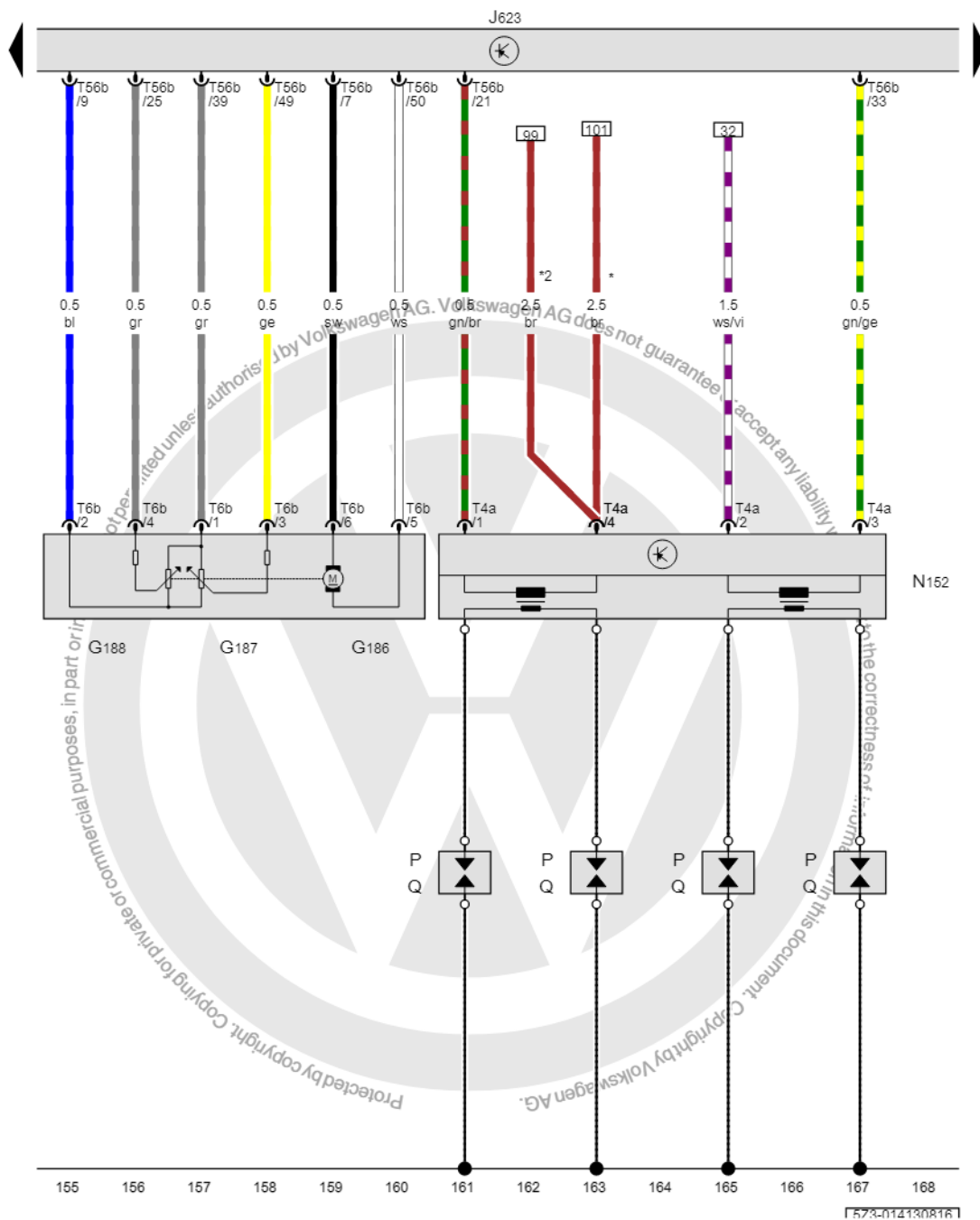
Hall sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector

331 Earth connection, in injection system wiring harness

E57 Connection 2, in injection system wiring harness

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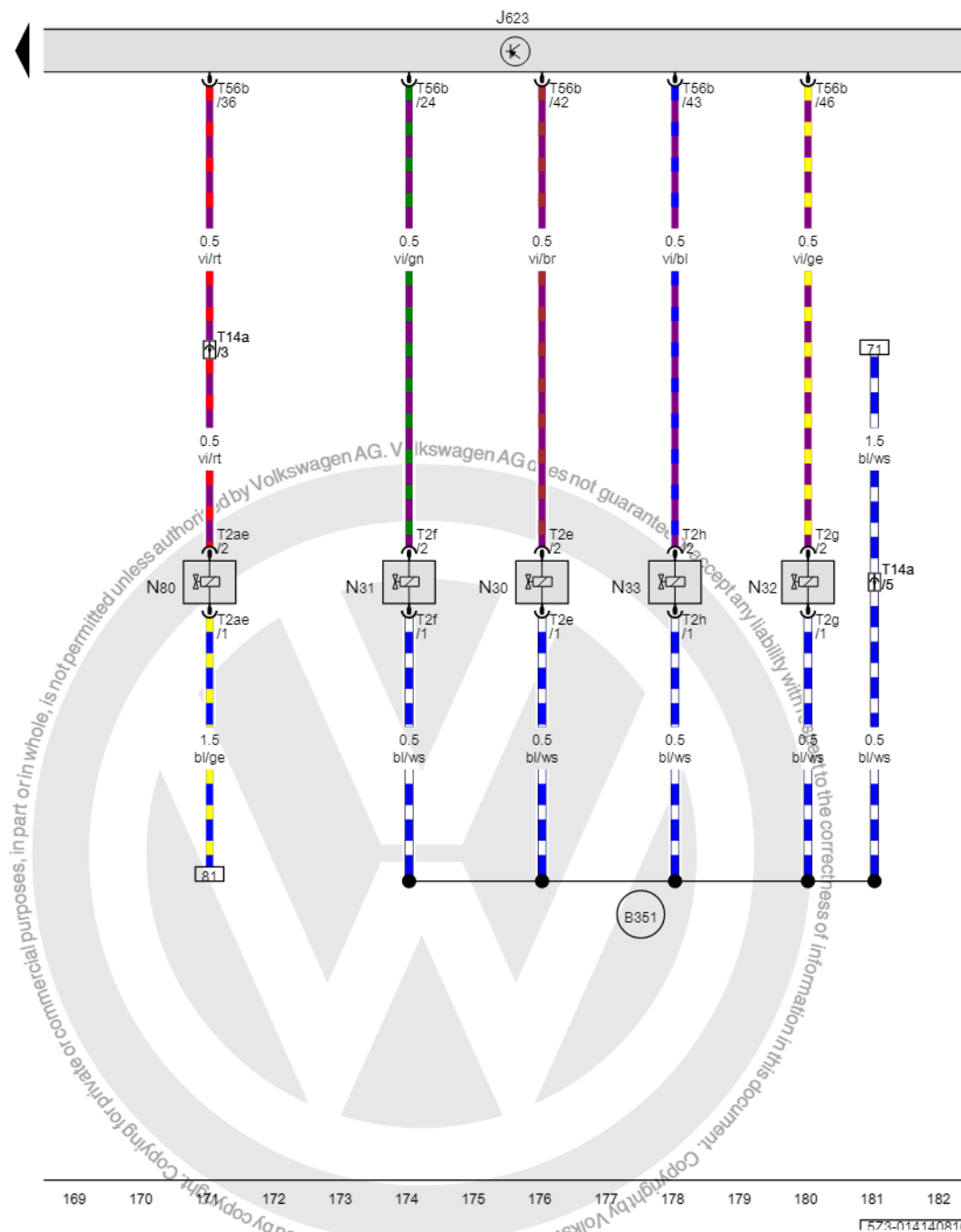


Throttle valve drive for electric throttle, Throttle valve drive angle sender 1 for electric throttle, Throttle valve drive angle sender 2 for electric throttle, Engine control unit, Ignition transformer, Spark plug connector, Spark plugs

- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J623 Engine control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- T4a 4-pin connector
- T6b 6-pin connector
- T56b 56-pin connector
- \* Up to June 2013
- \*2 From July 2013

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



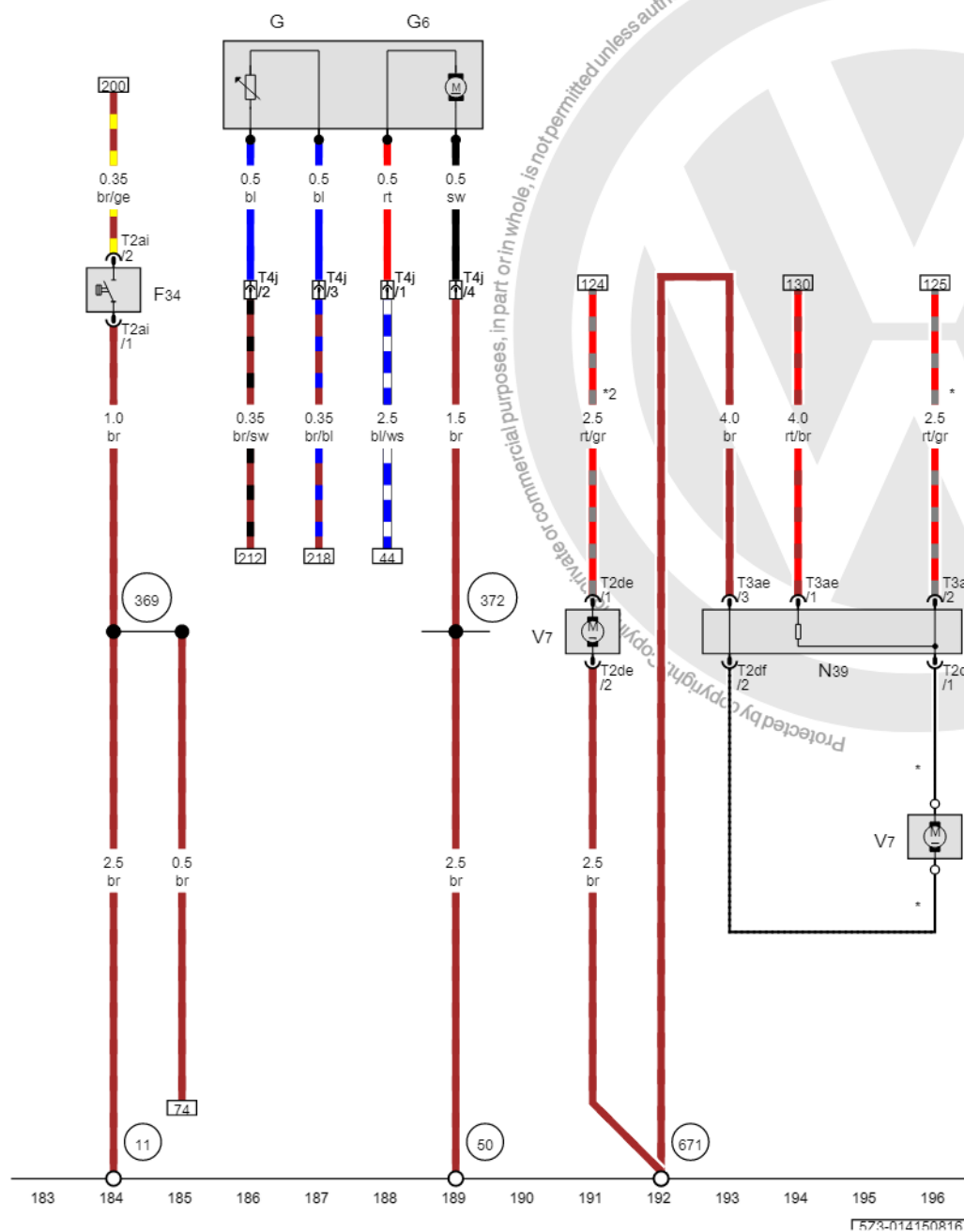


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Activated charcoal filter solenoid valve 1

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N80 Activated charcoal filter solenoid valve 1
- T2ae 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector
- T56b 56-pin connector
- B351 Positive connection 2 (87a) in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink





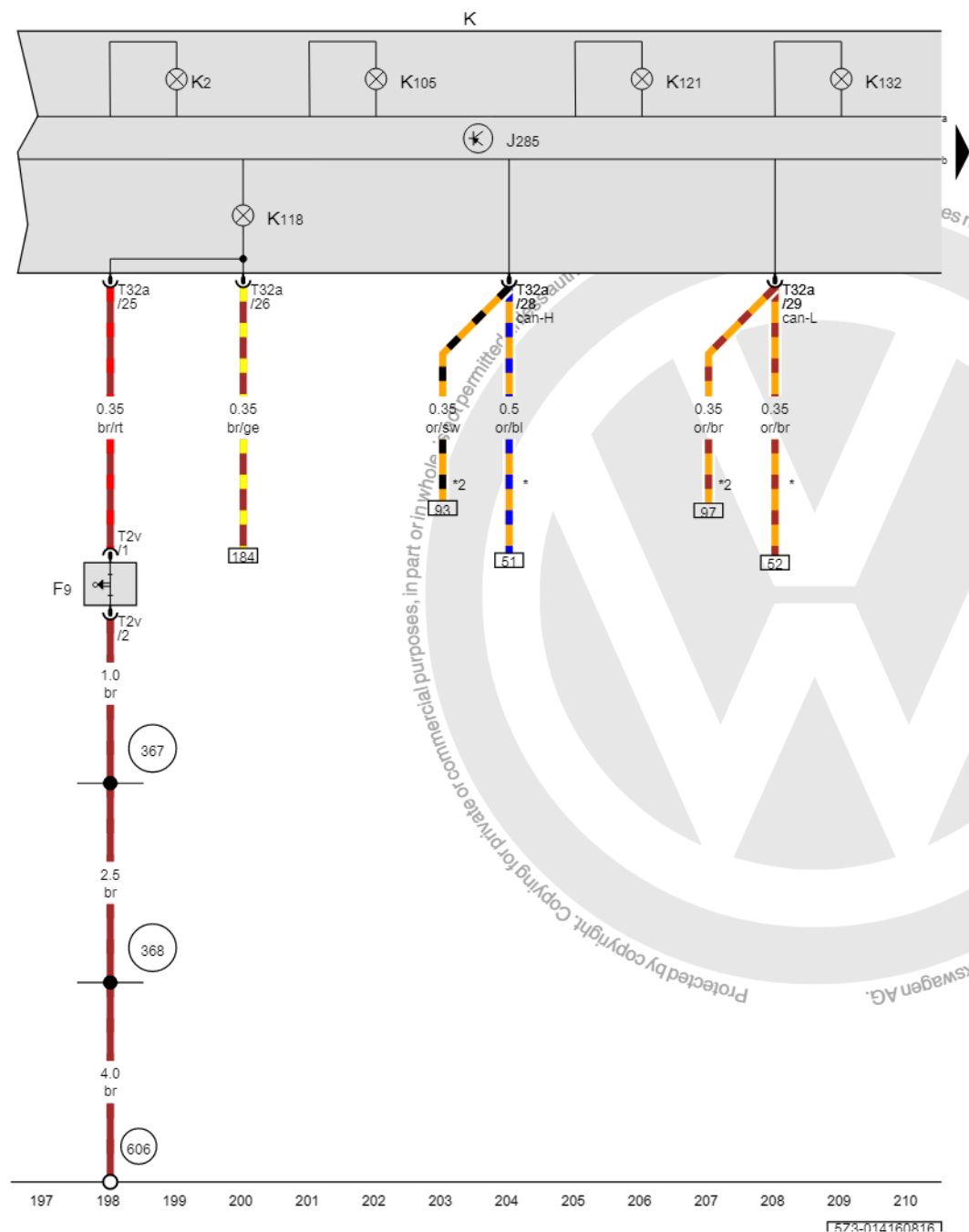
Brake fluid level warning contact, Fuel gauge sender, Fuel system pressurisation pump, Radiator fan series resistor, Radiator fan

- F34 Brake fluid level warning contact
- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- N39 Radiator fan series resistor
- T2ai 2-pin connector
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T4j 4-pin connector
- V7 Radiator fan

- 11 Earth point, in battery box
- 50 Earth point, on left in luggage compartment
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member

- \* Only models with air conditioning system
- \*2 Only models with no air conditioning system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

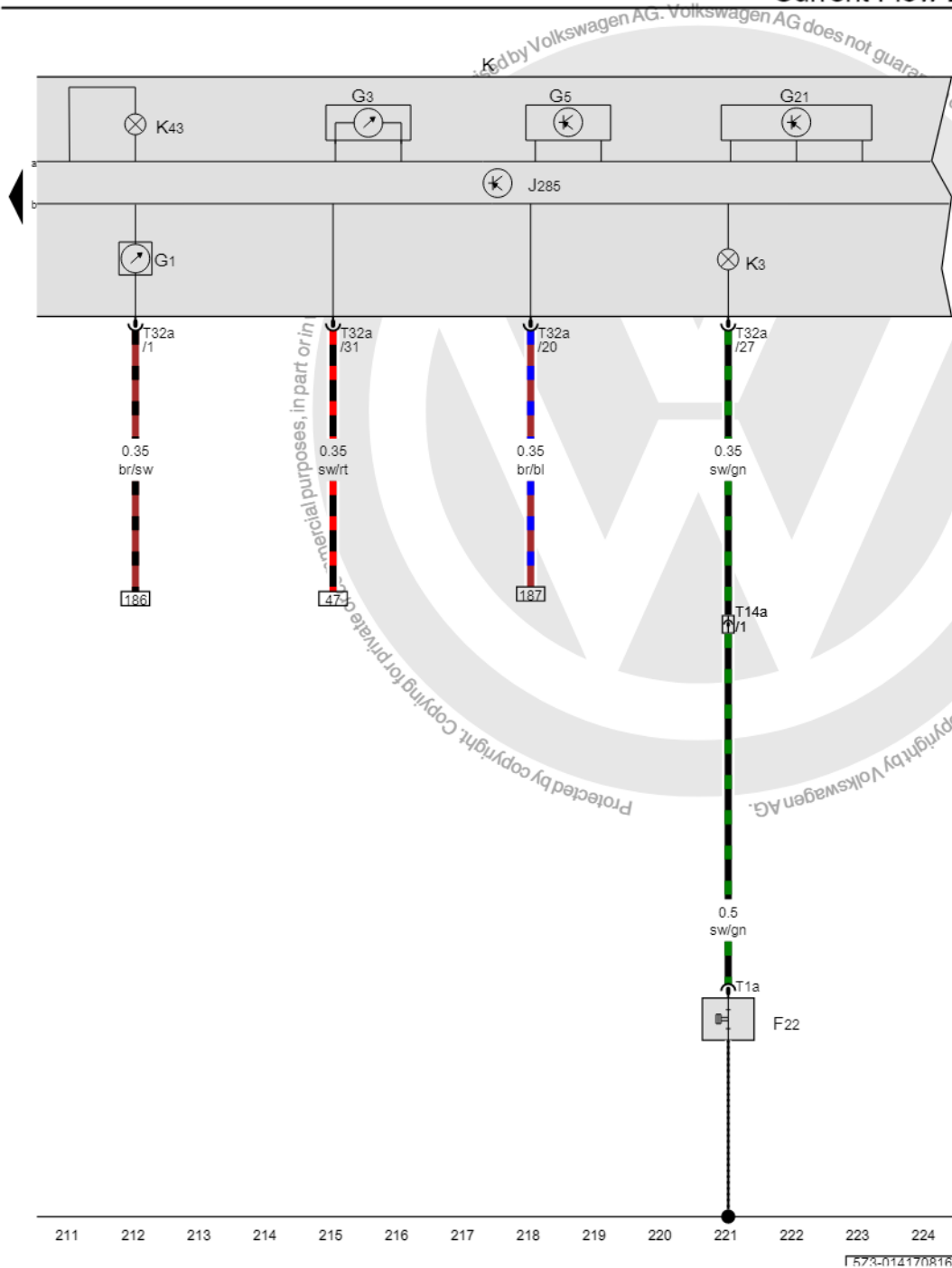


Handbrake warning switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F9 Handbrake warning switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T2v 2-pin connector
- T32a 32-pin connector

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- \* Only models with onboard supply control unit BCM
- \* Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Oil pressure switch, Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Coolant temperature warning lamp (too cold)

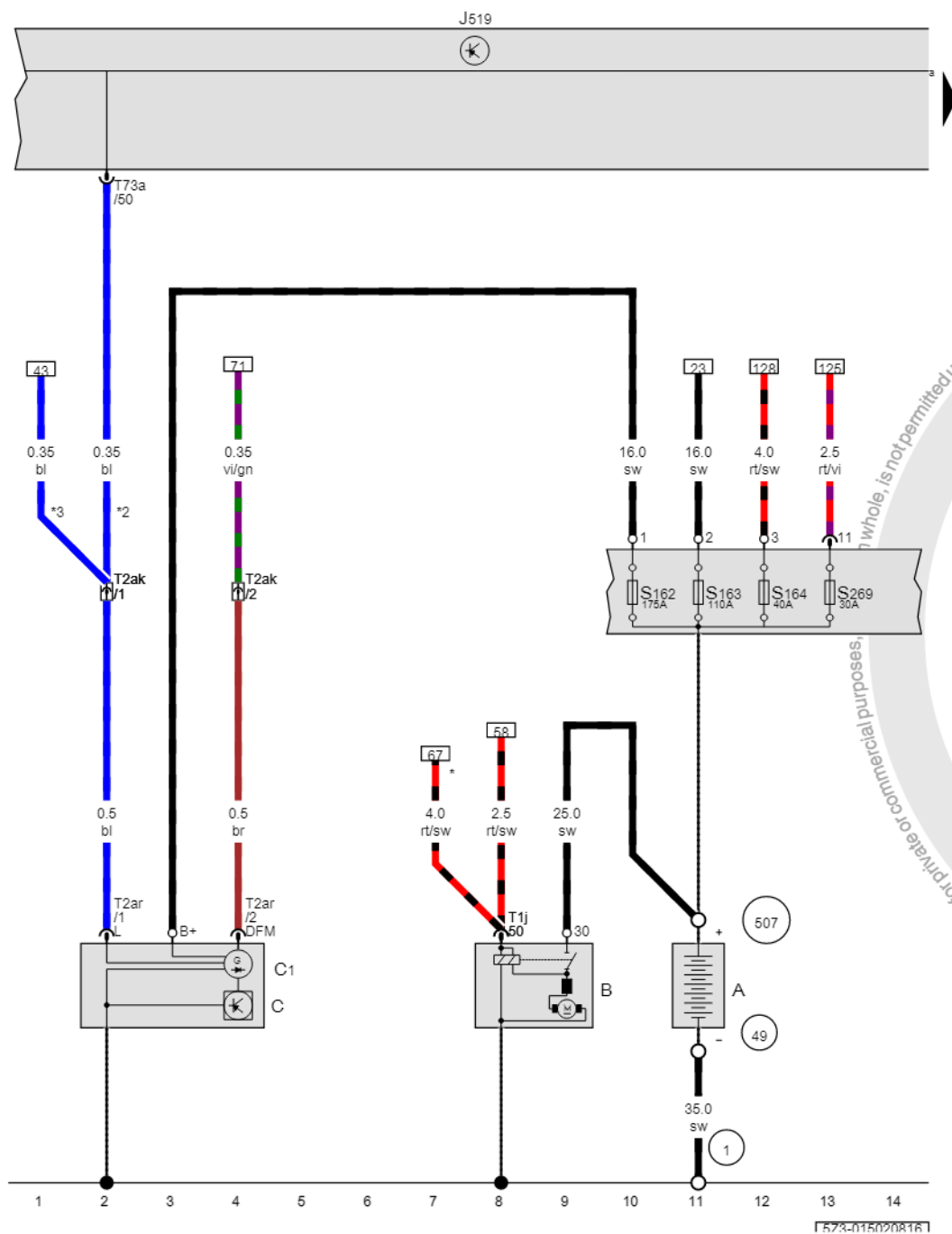
- F22 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- T1a Single connector
- T14a 14-pin connector
- T32a 32-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## 1.6l engine , CCRA

From April 2013

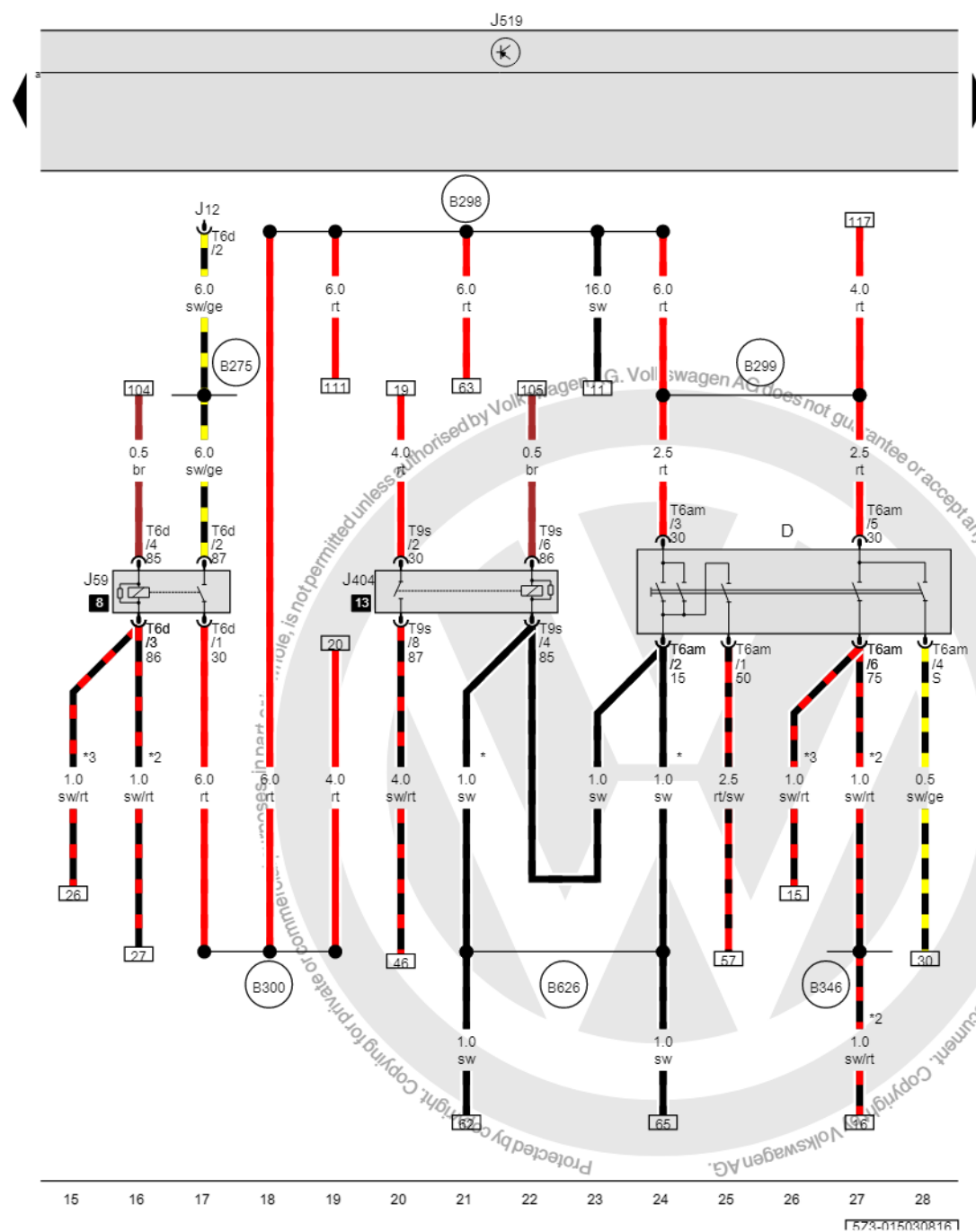




Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

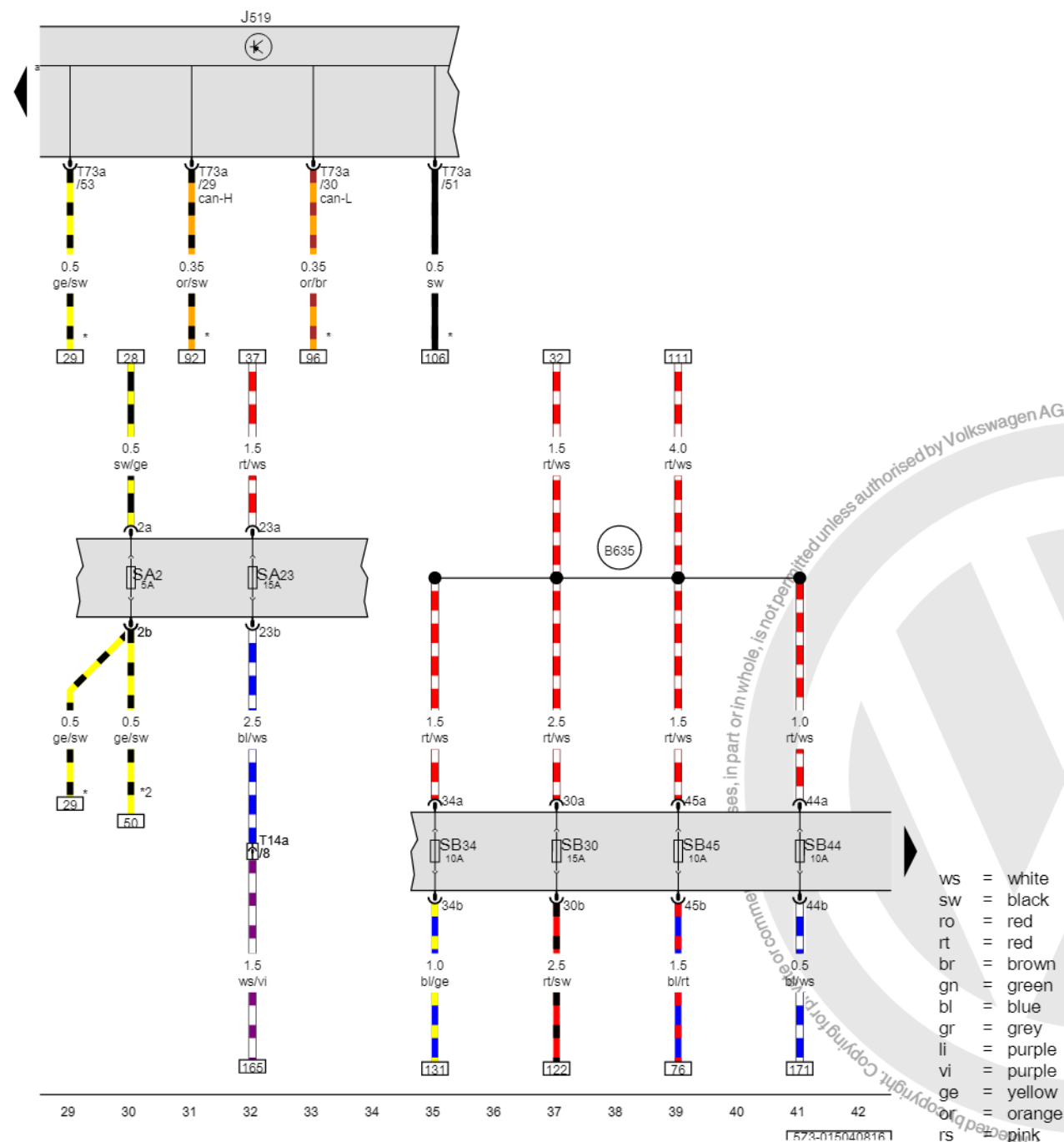
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B346) Connection 1 (75), in main wiring harness
- (B626) Positive connection 2 (15), in main wiring harness
- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM



# Onboard supply control unit

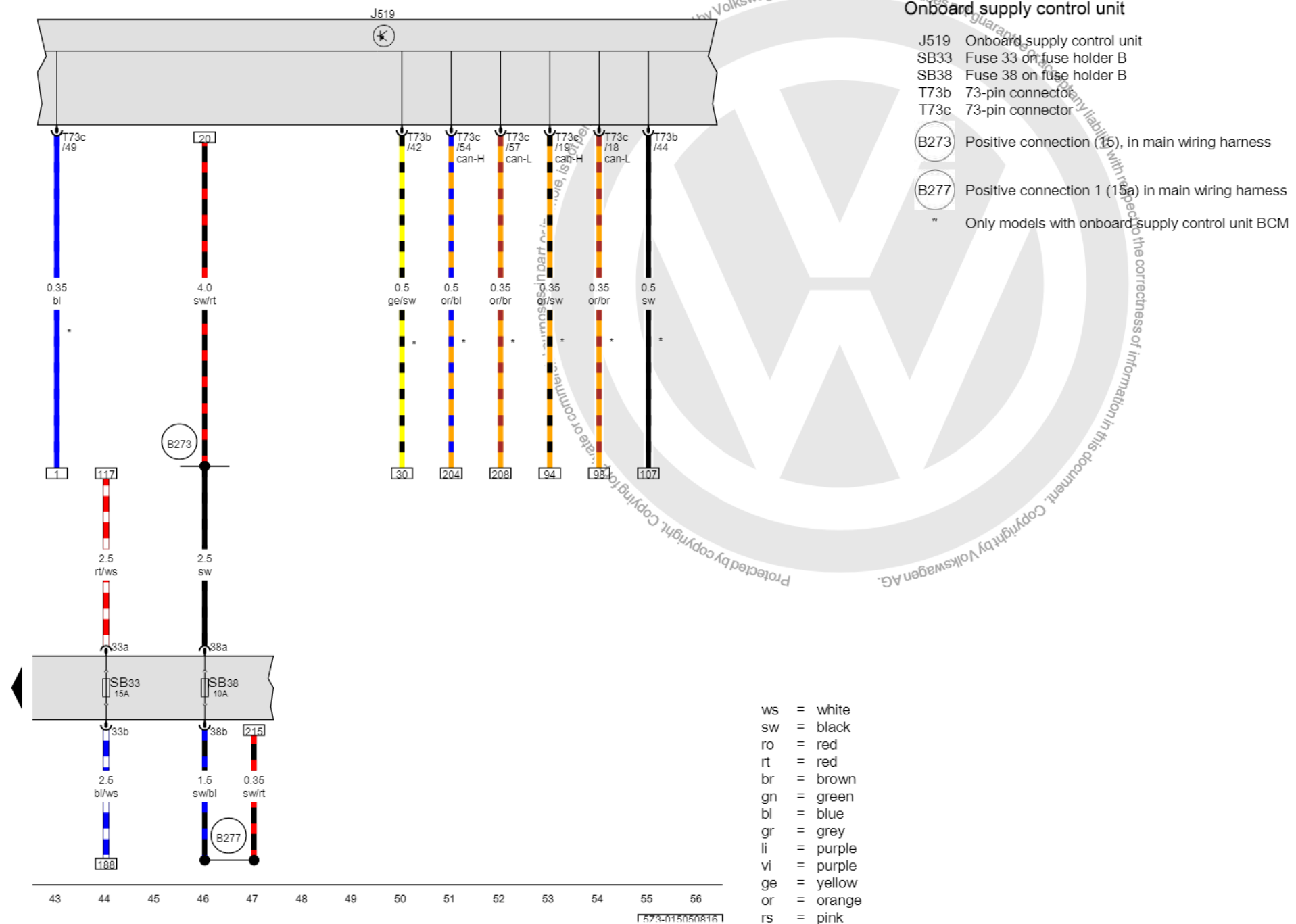
- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA23 Fuse 23 in fuse holder A
- SB30 Fuse 30 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB44 Fuse 44 on fuse holder B
- SB45 Fuse 45 on fuse holder B
- T14a 14-pin connector
- T73a 73-pin connector

B635 Positive connection 3 (87), in main wiring harness

\* Only models with onboard supply control unit BFM

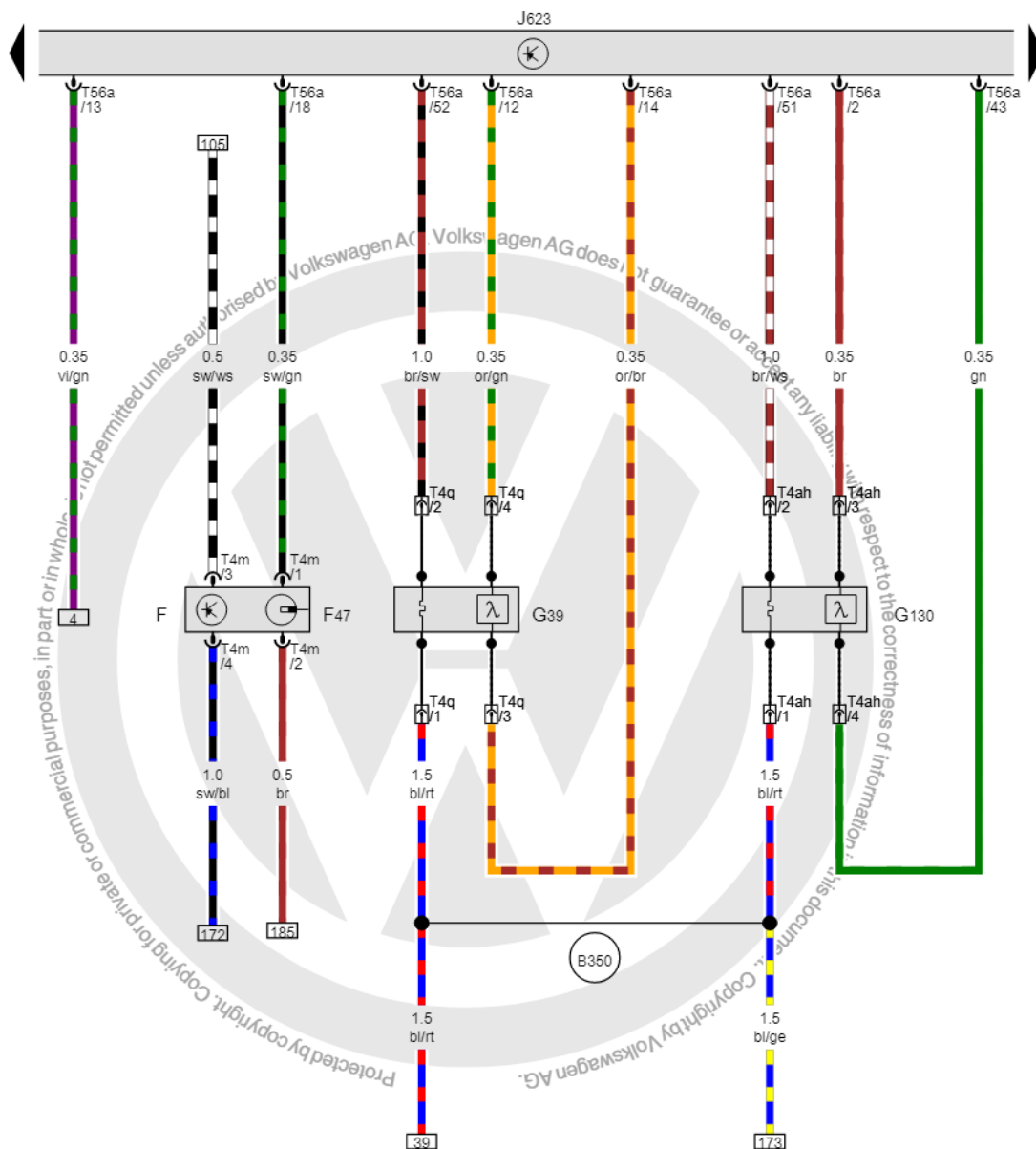
\*2 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





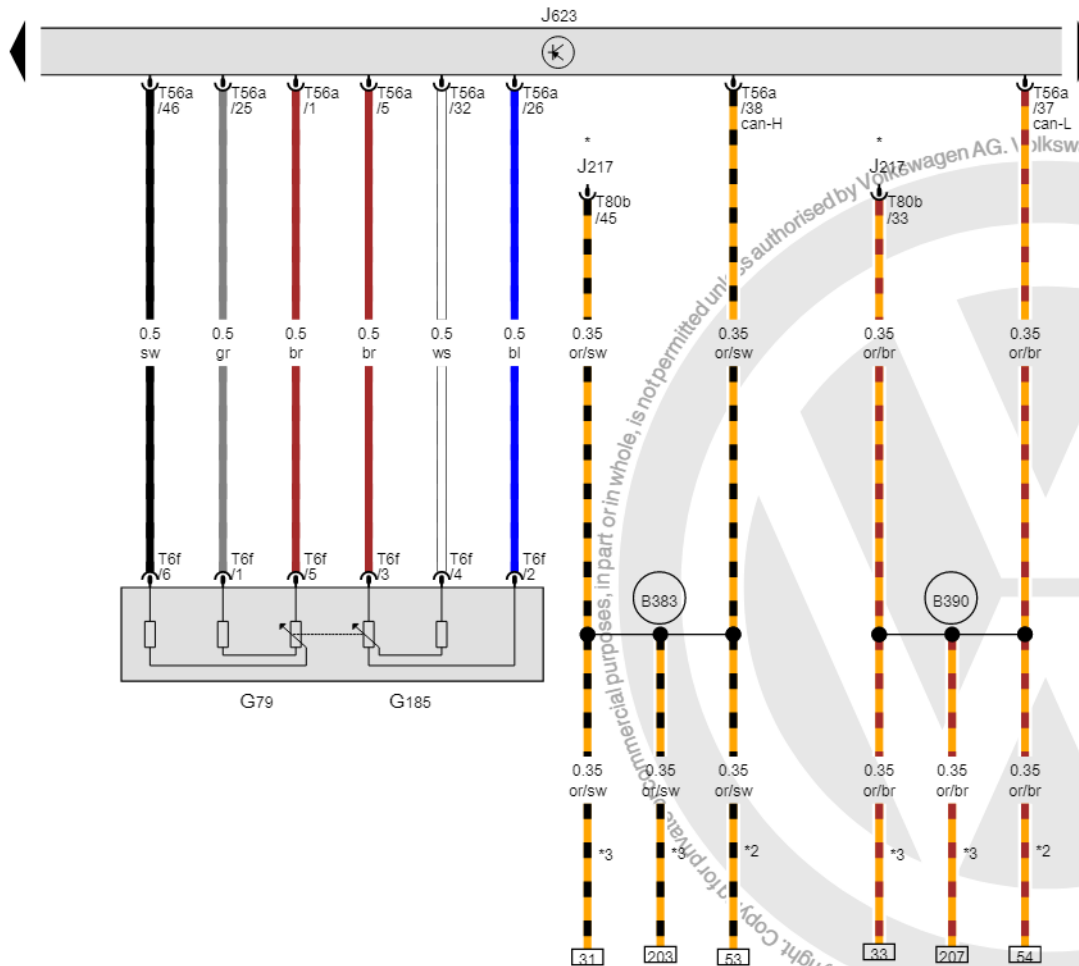




Brake light switch, Brake pedal switch, Lambda probe, Lambda probe after catalytic converter, Engine control unit

- F Brake light switch
- F47 Brake pedal switch
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- T4ah 4-pin connector
- T4m 4-pin connector
- T4q 4-pin connector
- T56a 56-pin connector
- (B350) Positive connection 1 (87a) in main wiring harness

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink



Accelerator position sender, Accelerator position sender 2,  
Engine control unit

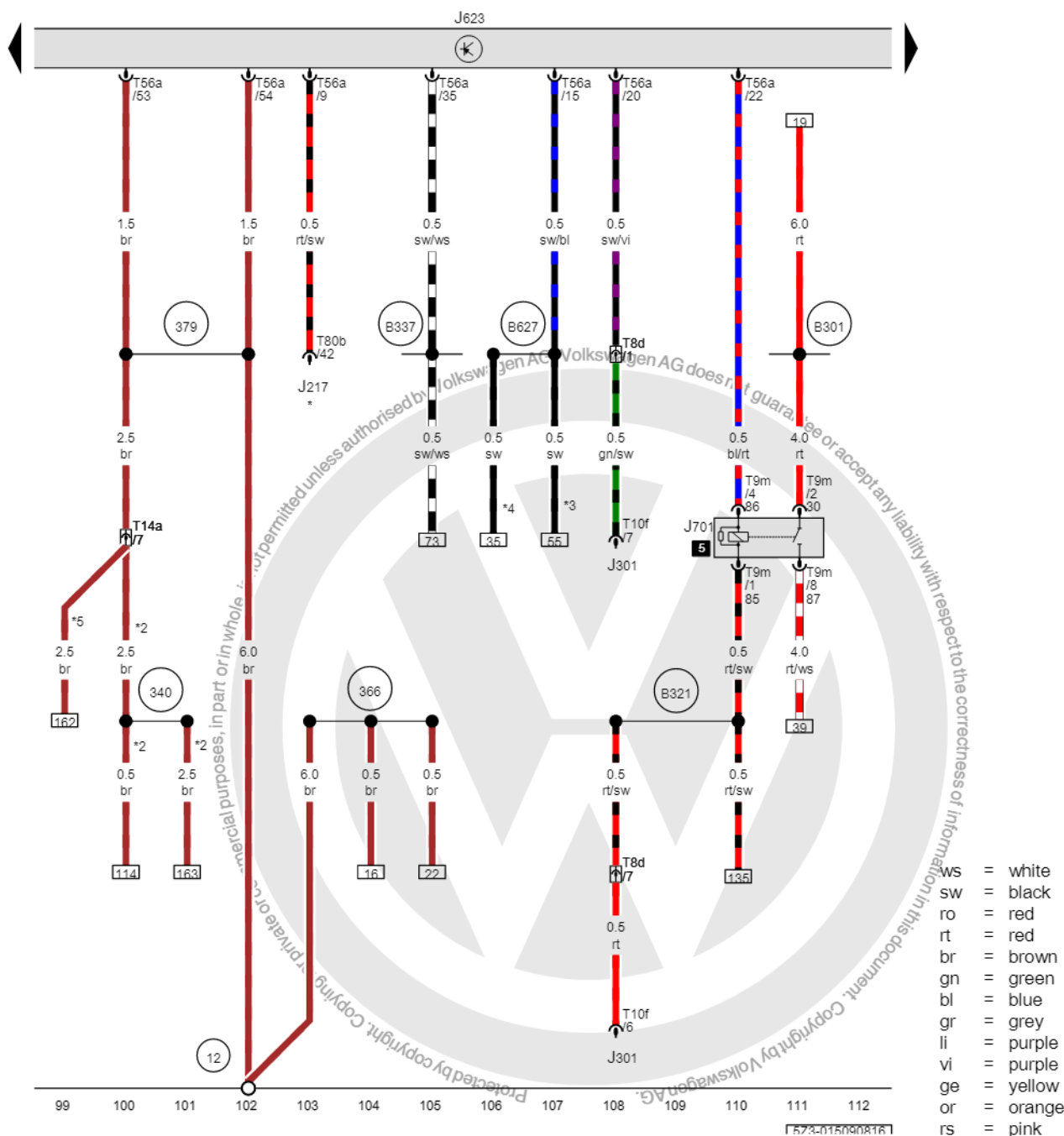
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J217 Automatic gearbox control unit
- J623 Engine control unit
- T6f 6-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

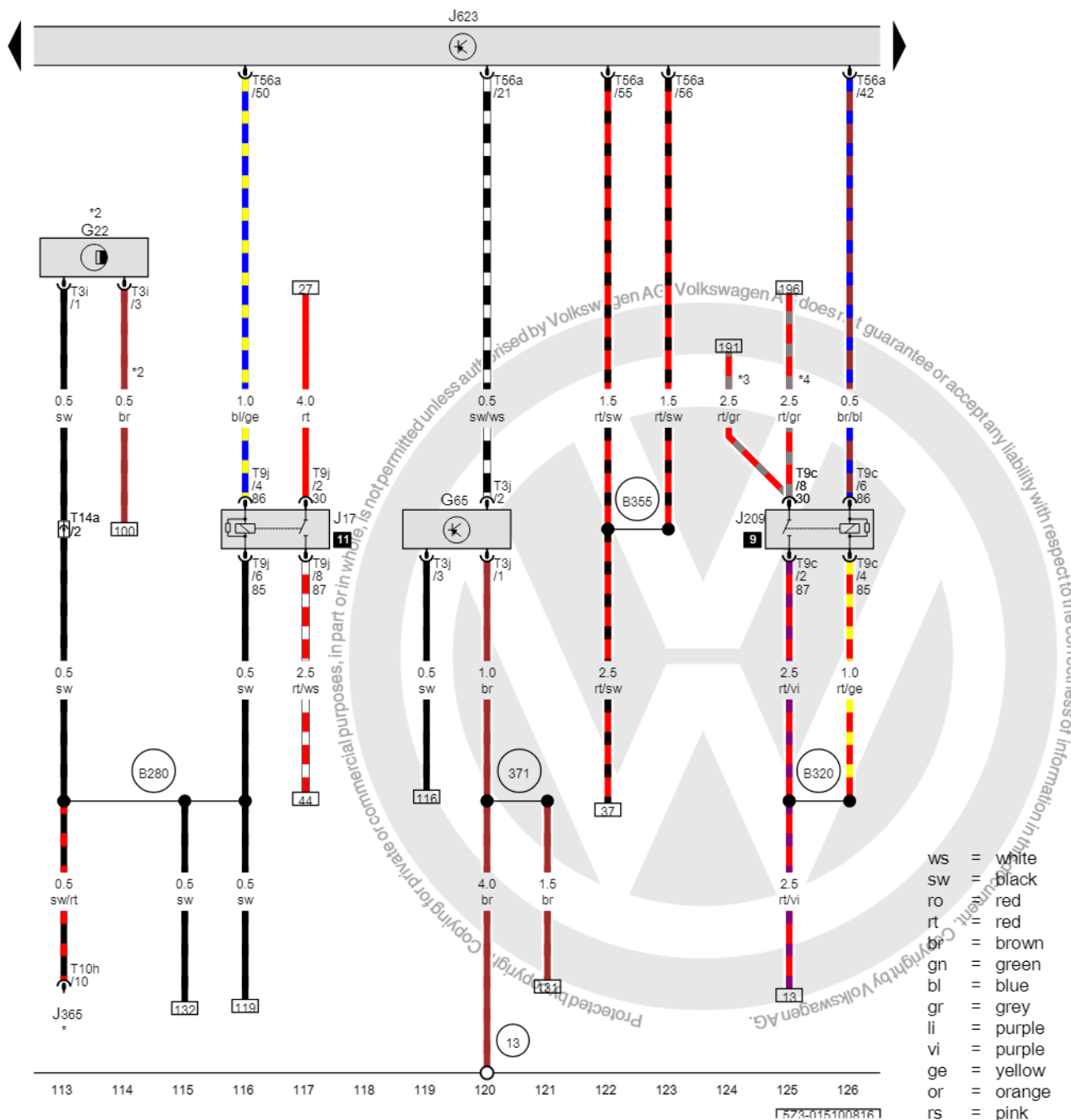


# Engine control unit, Voltage supply relay 1

- J217 Automatic gearbox control unit
- J301 Air conditioning system control unit
- J623 Engine control unit
- J701 Voltage supply relay 1
- T8d 8-pin connector, behind dash panel, centre
- T9m 9-pin connector
- T10f 10-pin connector
- T14a 14-pin connector
- T56a 56-pin connector
- T80b 80-pin connector

- 12 Earth point, on left in engine compartment
- 340 Earth connection 2, in injection system wiring harness
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B337 Connection 3 (54), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Up to June 2013
- \*3 Only models with onboard supply control unit BCM
- \*4 Only models with onboard supply control unit BFM
- \*5 From July 2013



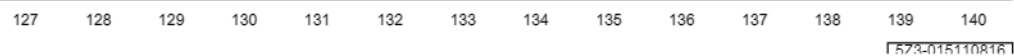
Speedometer sender, High-pressure sender, Fuel pump relay, Fresh air blower and radiator fan relay, Engine control unit

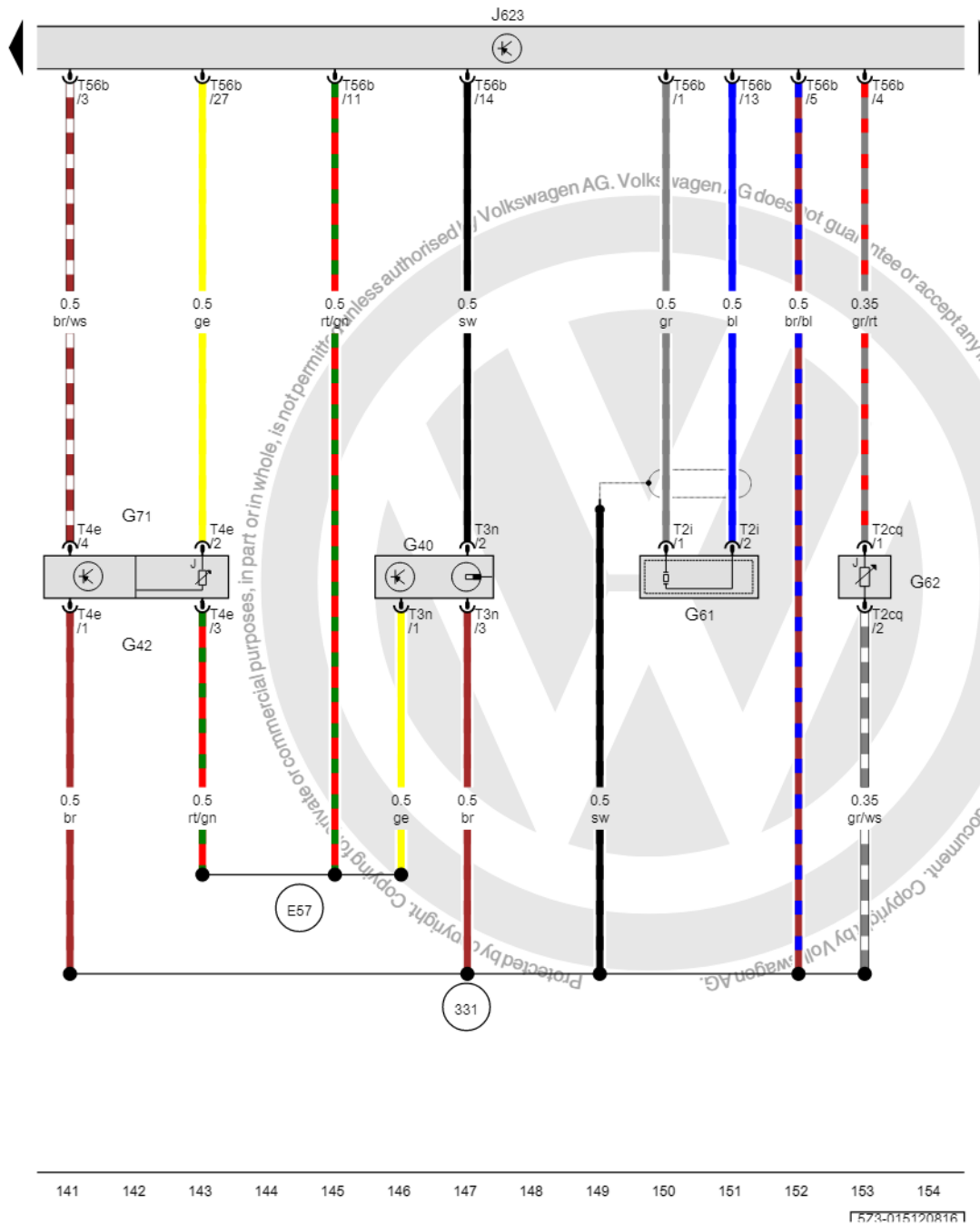
- G22 Speedometer sender
- G65 High-pressure sender
- J17 Fuel pump relay
- J209 Fresh air blower and radiator fan relay
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- T3i 3-pin connector
- T3j 3-pin connector
- T9c 9-pin connector
- T9j 9-pin connector
- T10h 10-pin connector
- T14a 14-pin connector
- T56a 56-pin connector

- 13 Earth point, on right in engine compartment
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness

- \* Only models with automated manual gearbox
- \*2 Up to June 2013
- \*3 Only models with no air conditioning system
- \*4 Only models with air conditioning system

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink





Hall sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Engine control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J623 Engine control unit
- T2cq 2-pin connector
- T2i 2-pin connector
- T3n 3-pin connector
- T4e 4-pin connector
- T56b 56-pin connector

331 Earth connection, in injection system wiring harness

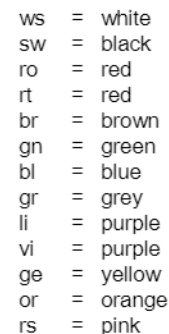
E57 Connection 2, in injection system wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

141 142 143 144 145 146 147 148 149 150 151 152 153 154

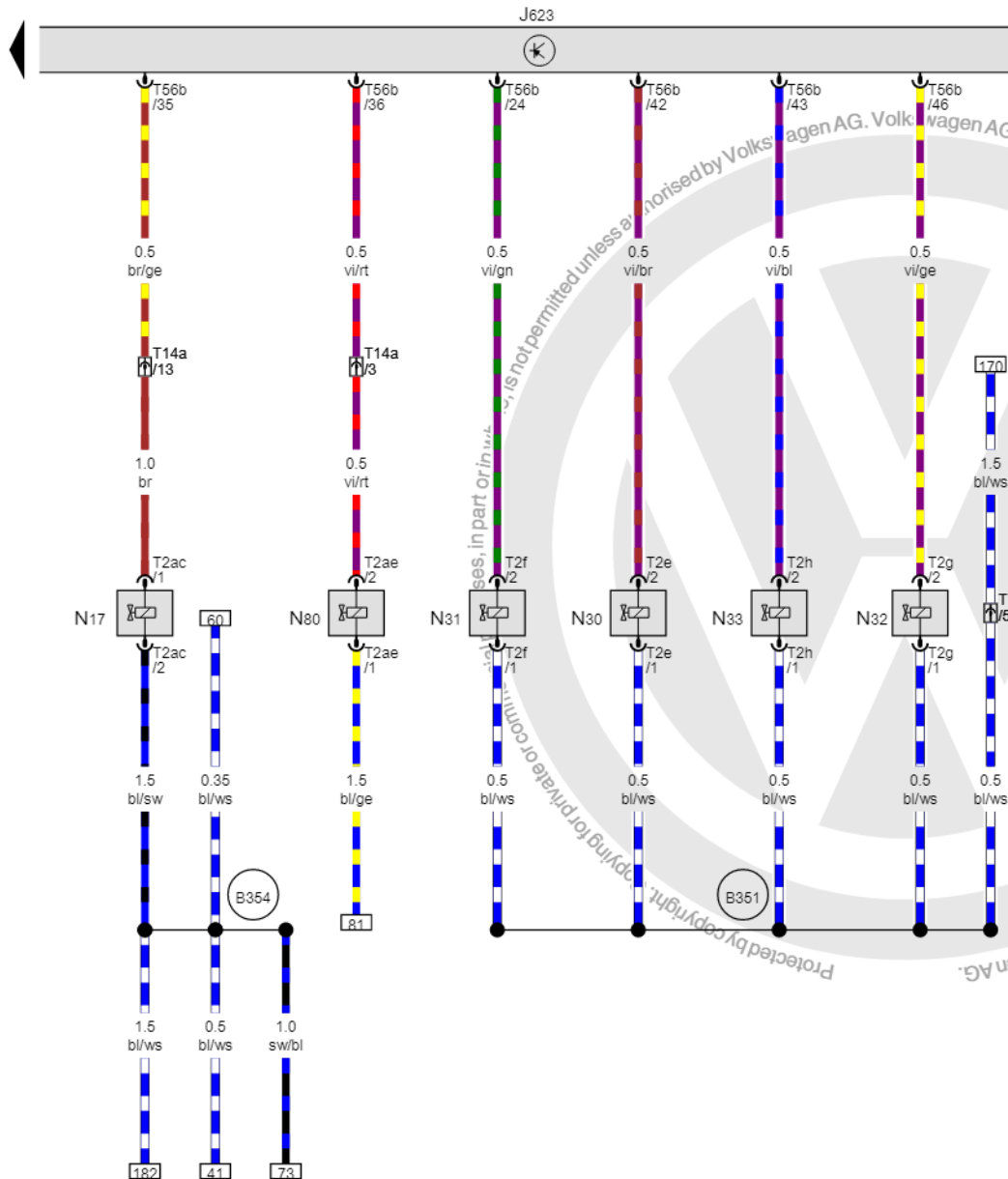
[573-015120816]





G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J623	Engine control unit
N152	Ignition transformer
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T6b	6-pin connector
T56b	56-pin connector
*	Up to June 2013
*2	From July 2013





Engine control unit, Cold start valve, Injector, cylinder 1,  
Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4,  
Activated charcoal filter solenoid valve 1

- J623 Engine control unit
- N17 Cold start valve
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N80 Activated charcoal filter solenoid valve 1
- T2ac 2-pin connector
- T2ae 2-pin connector
- T2e 2-pin connector
- T2f 2-pin connector
- T2g 2-pin connector
- T2h 2-pin connector
- T14a 14-pin connector
- T56b 56-pin connector

B351 Positive connection 2 (87a) in main wiring harness

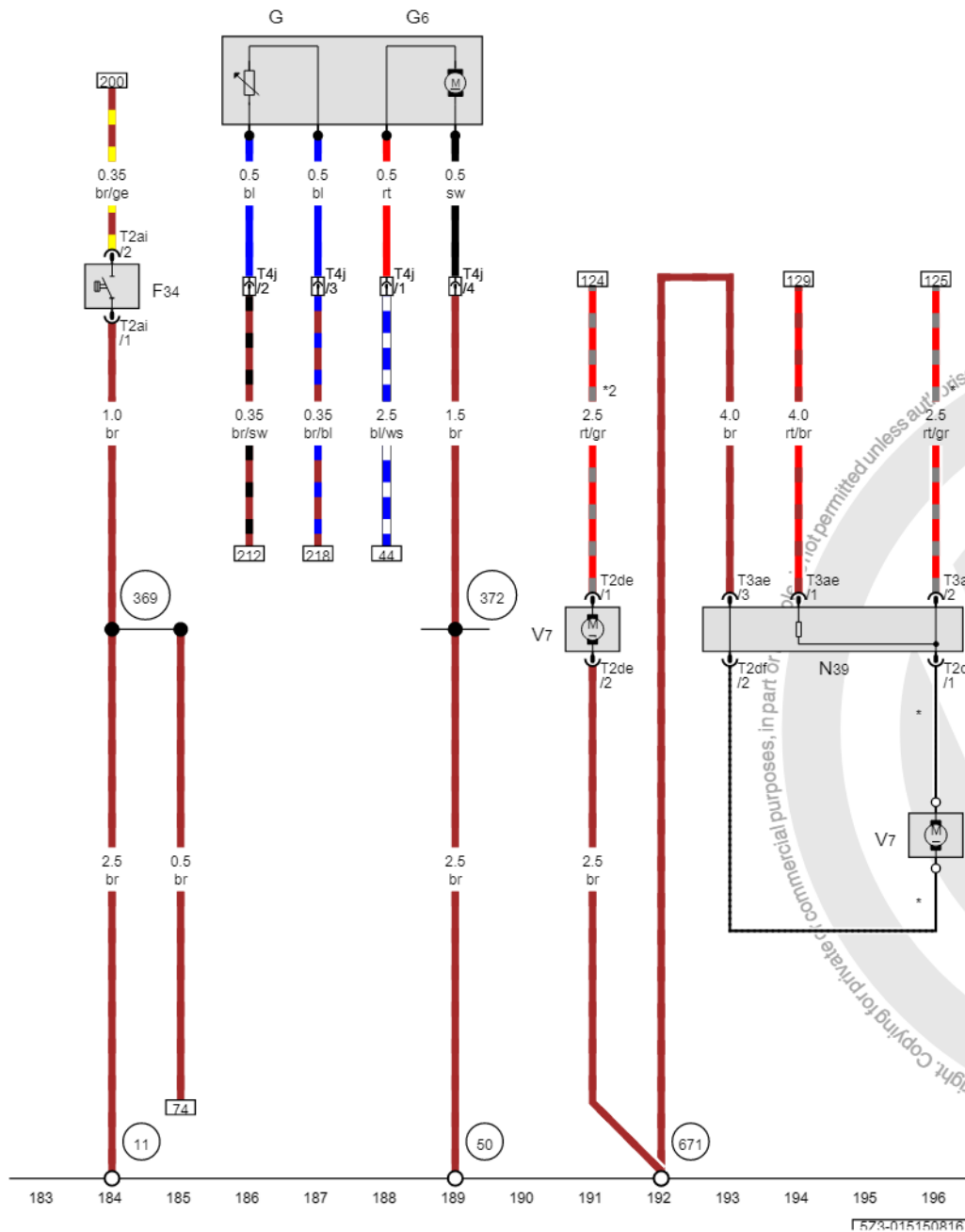
B354 Positive connection 5 (87a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Brake fluid level warning contact, Fuel gauge sender, Fuel system pressurisation pump, Radiator fan series resistor, Radiator fan

- F34 Brake fluid level warning contact
- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- N39 Radiator fan series resistor
- T2ai 2-pin connector
- T2de 2-pin connector
- T2df 2-pin connector
- T3ae 3-pin connector
- T4j 4-pin connector
- V7 Radiator fan

- 11 Earth point, in battery box
- 50 Earth point, on left in luggage compartment
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- \* Only models with air conditioning system
- \*2 Only models with no air conditioning system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- ll = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Handbrake warning switch, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Reserve fuel warning lamp, Brake system warning lamp, Malfunction warning lamp, Electronic power control fault lamp

- F9 Handbrake warning switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- K118 Brake system warning lamp
- K121 Malfunction warning lamp
- K132 Electronic power control fault lamp
- T2v 2-pin connector
- T32a 32-pin connector

367 Earth connection 2, in main wiring harness

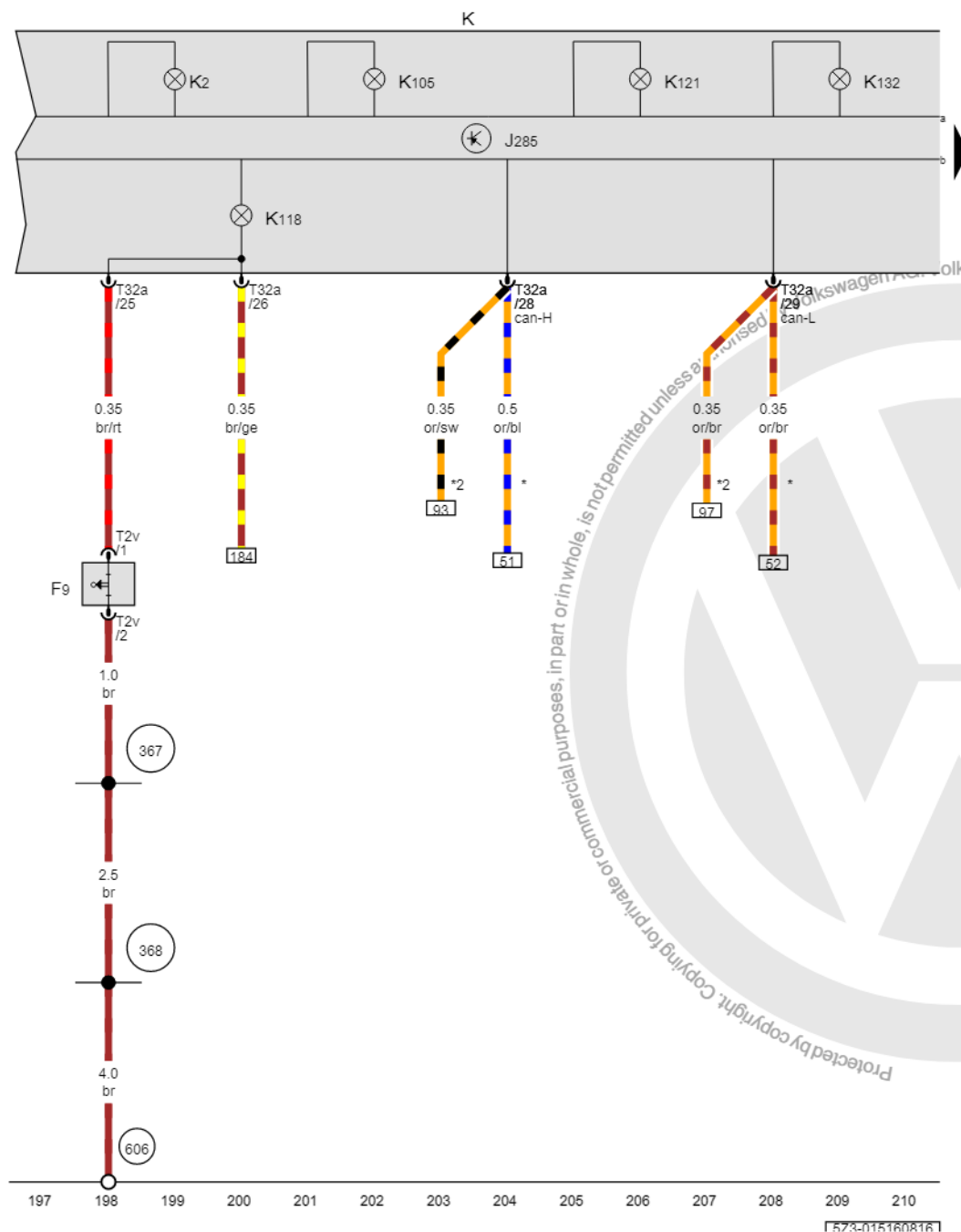
368 Earth connection 3, in main wiring harness

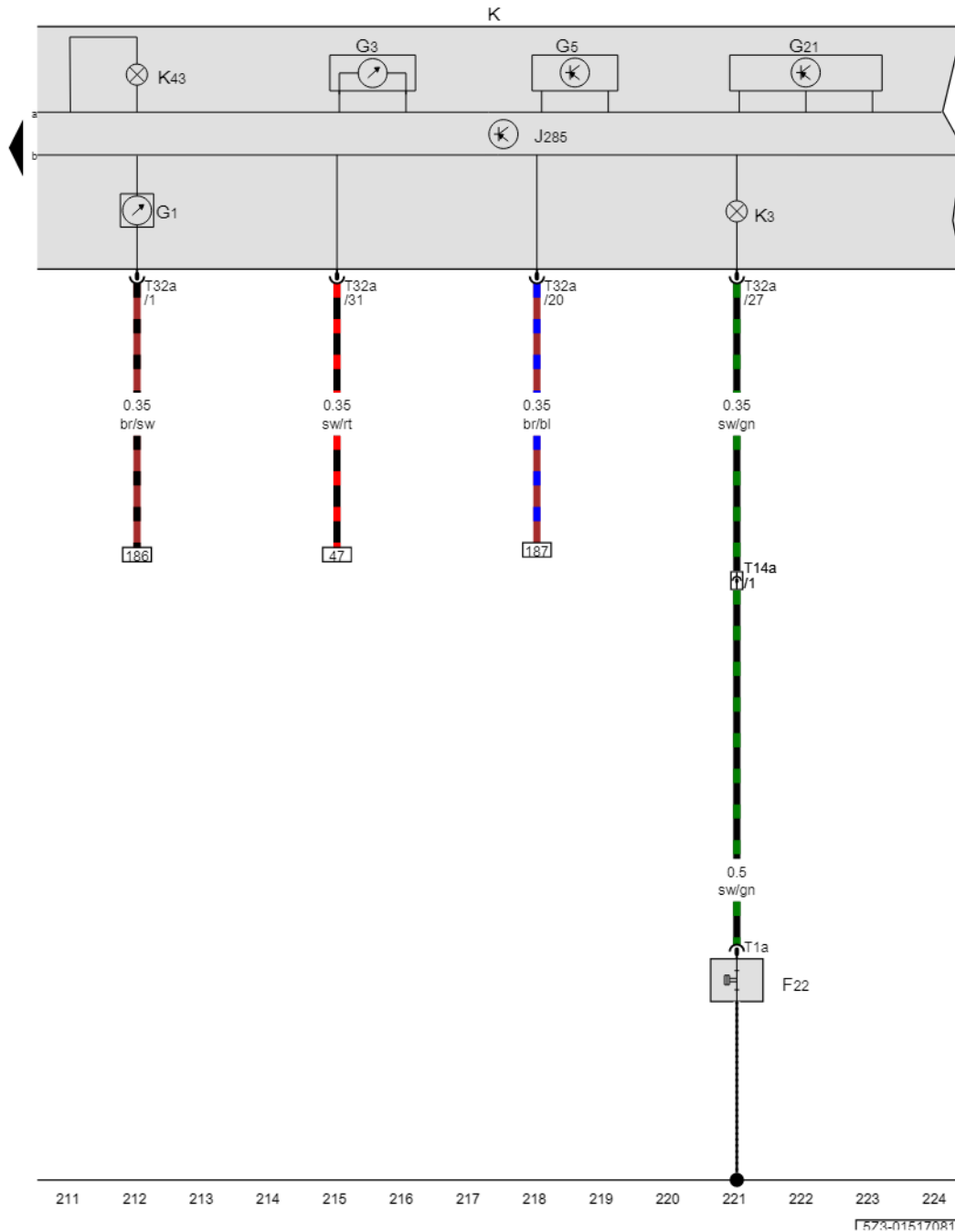
606 Earth point, under the centre console near gear stick

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink





Oil pressure switch, Fuel gauge, Coolant temperature gauge, Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Coolant temperature warning lamp (too cold)

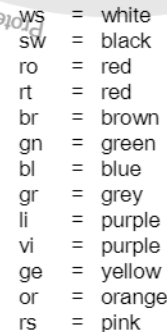
- F22 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K43 Coolant temperature warning lamp (too cold)
- T1a Single connector
- T14a 14-pin connector
- T32a 32-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Parking aid (PDC)

From April 2013

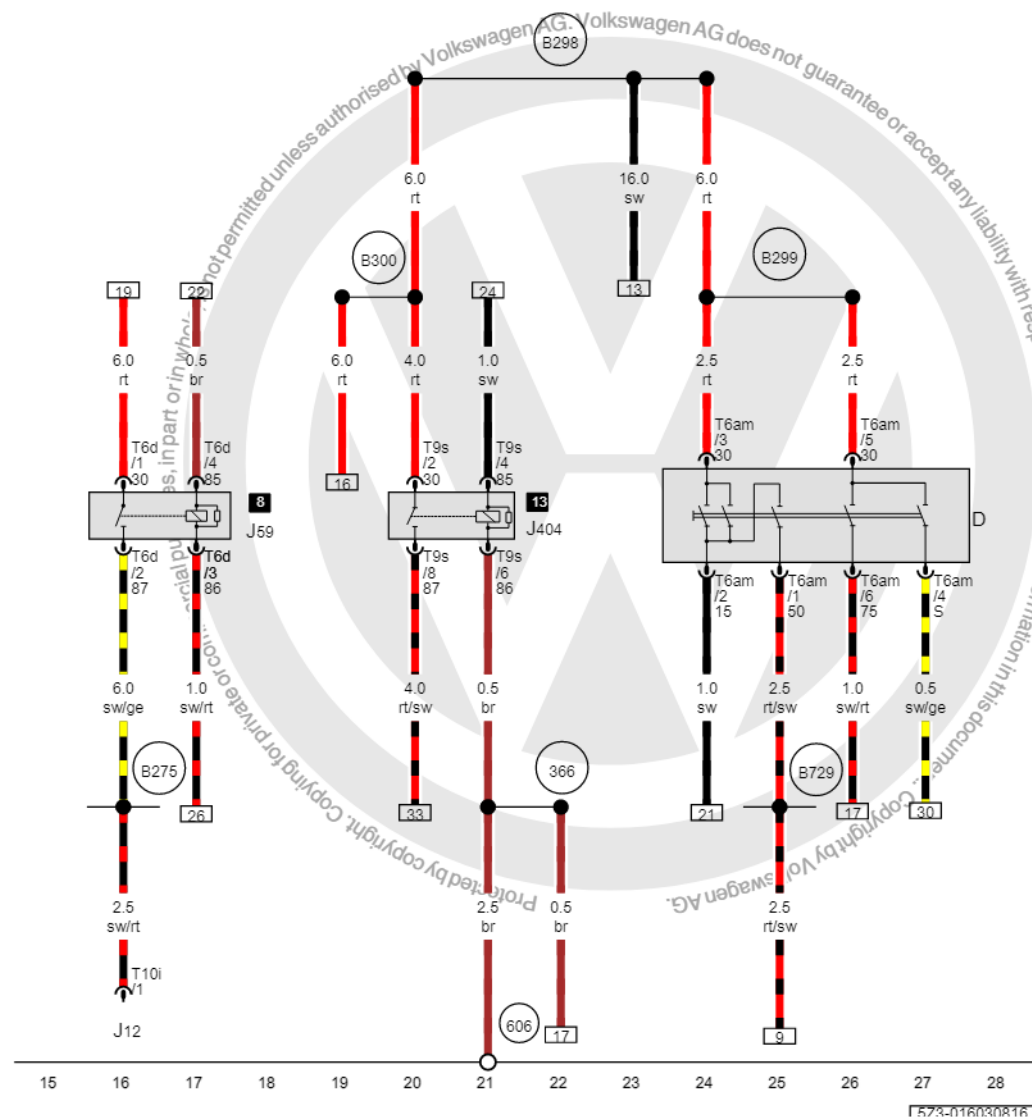




Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- (366) Earth connection 1, in main wiring harness
- (606) Earth point, under the centre console near gear stick
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B729) Connection 1 (50), in main wiring harness



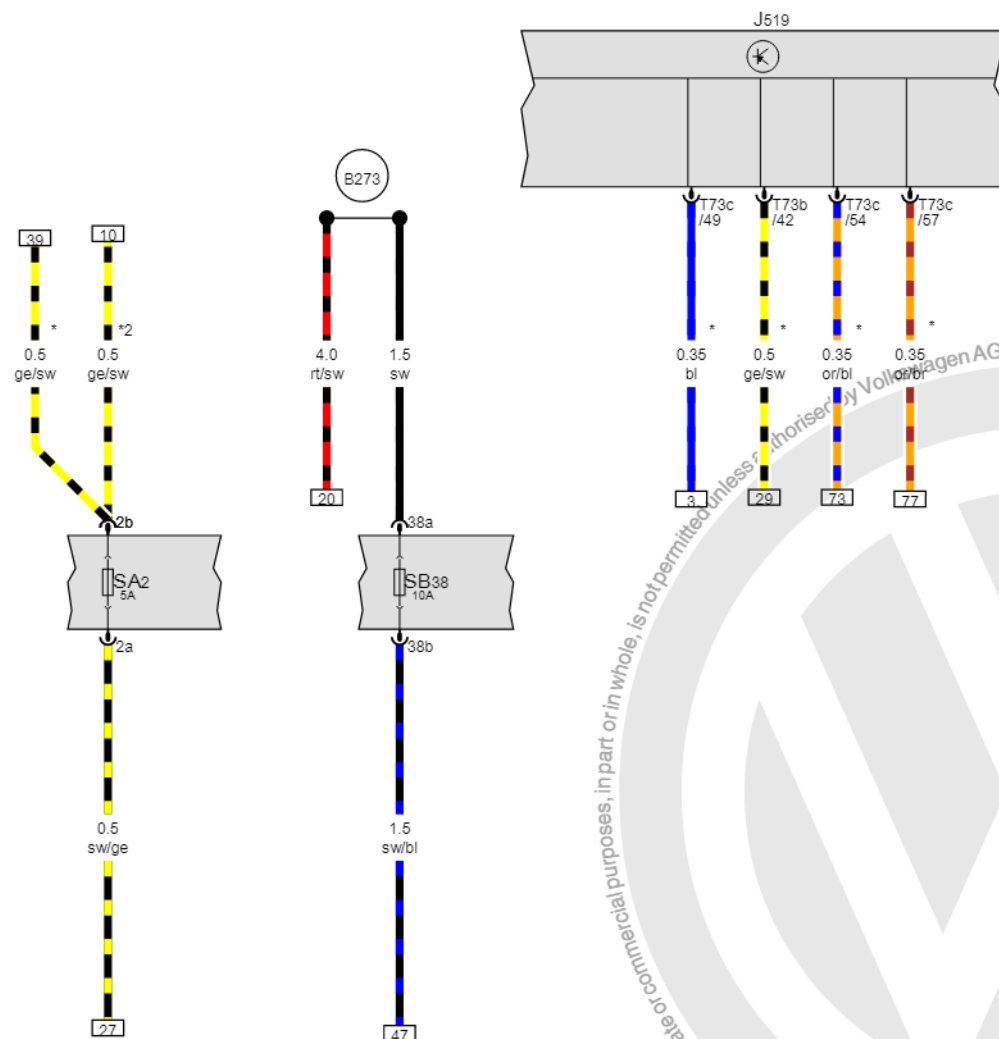
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

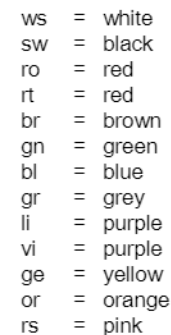
B273 Positive connection (15), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM

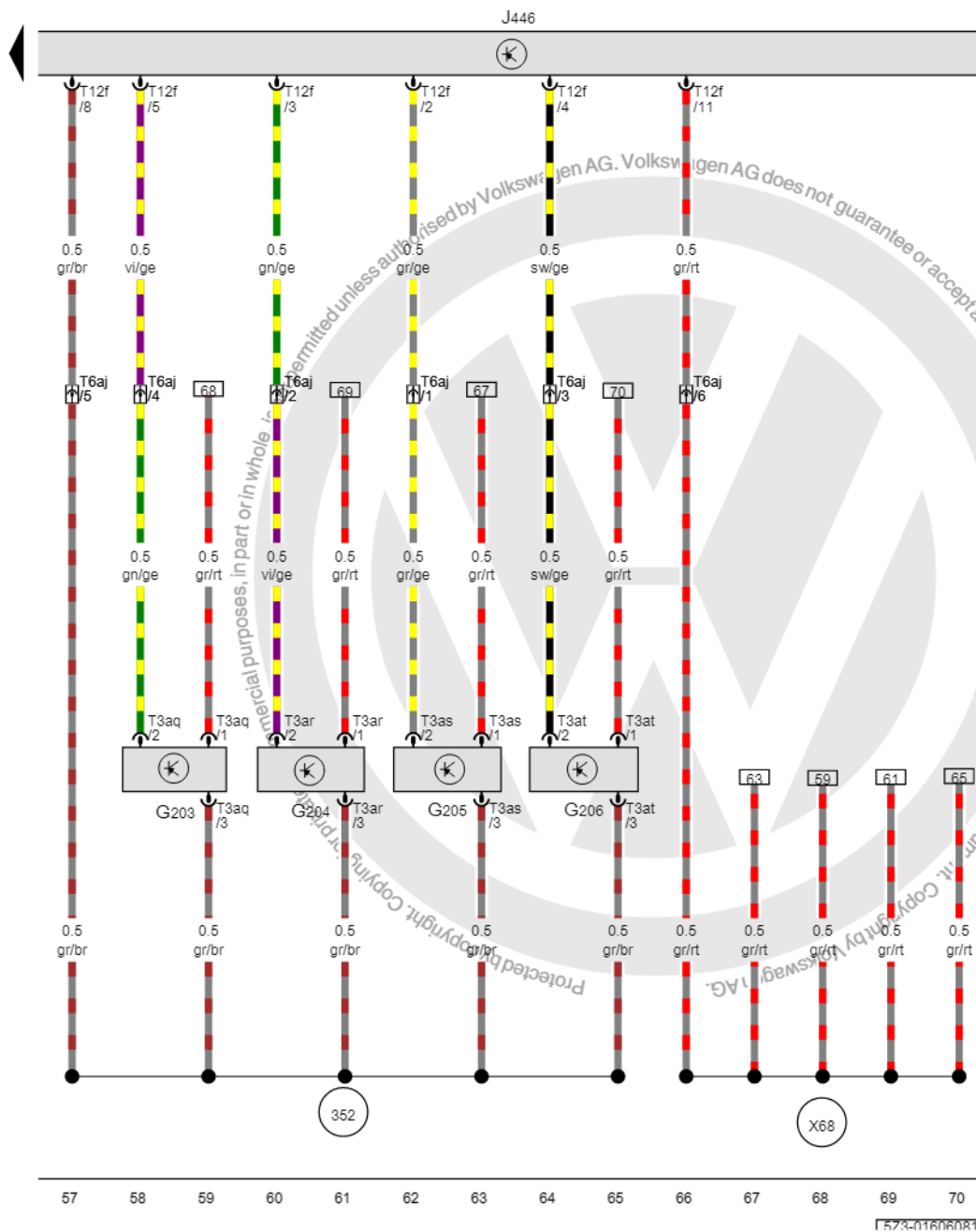


29 30 31 32 33 34 35 36 37 38 39 40 41 42





\* Only models with onboard supply control unit BFM



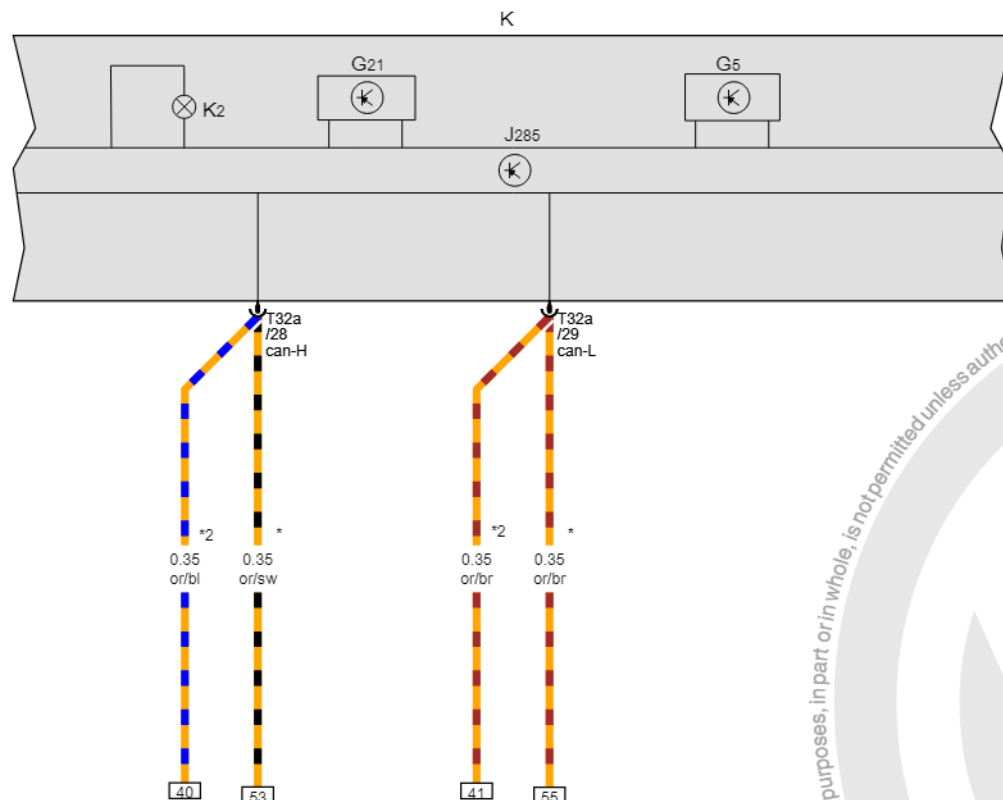
Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3as 3-pin connector
- T3at 3-pin connector
- T6aj 6-pin connector
- T12f 12-pin connector

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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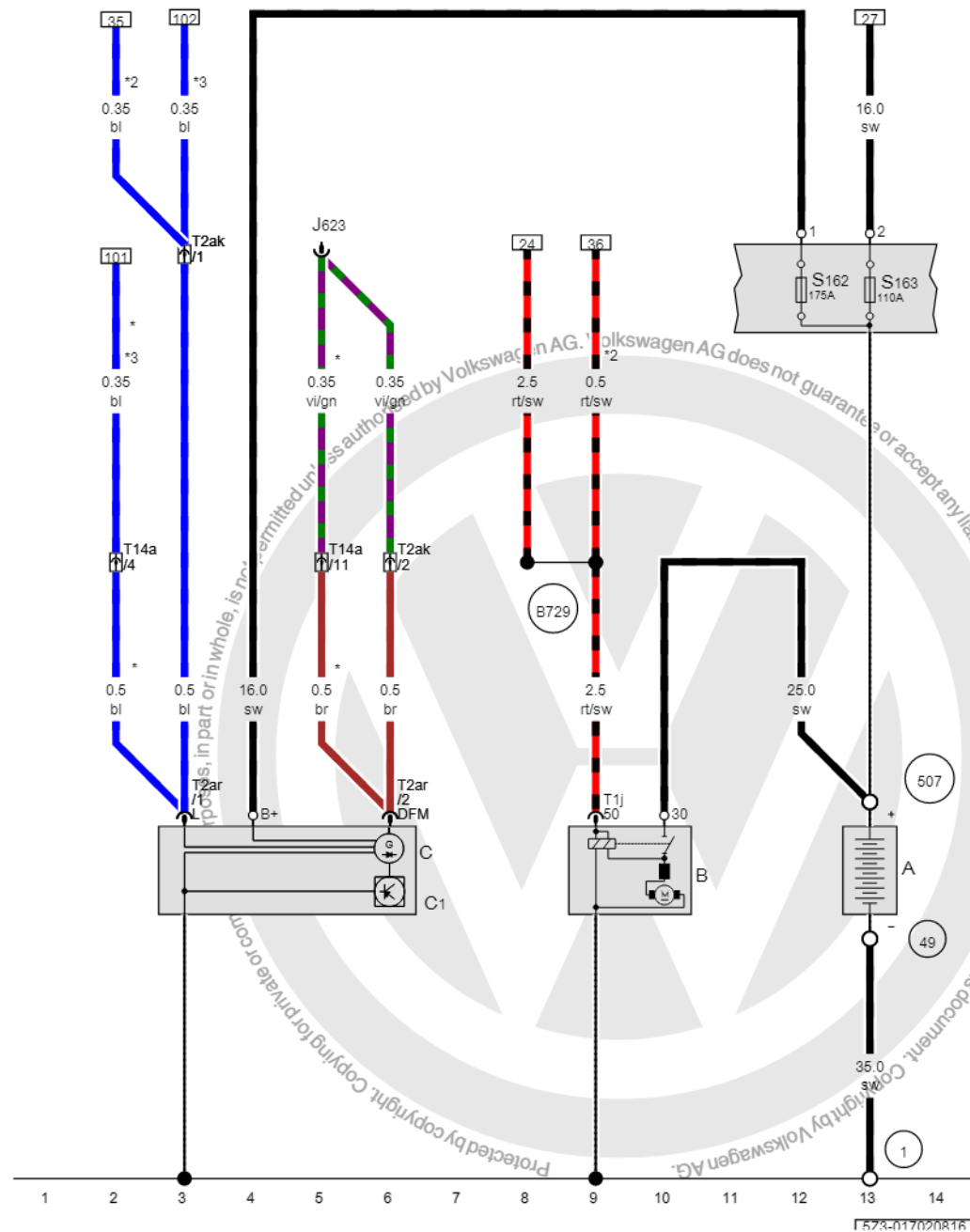
## Multifunction steering wheel

From April 2013

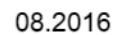


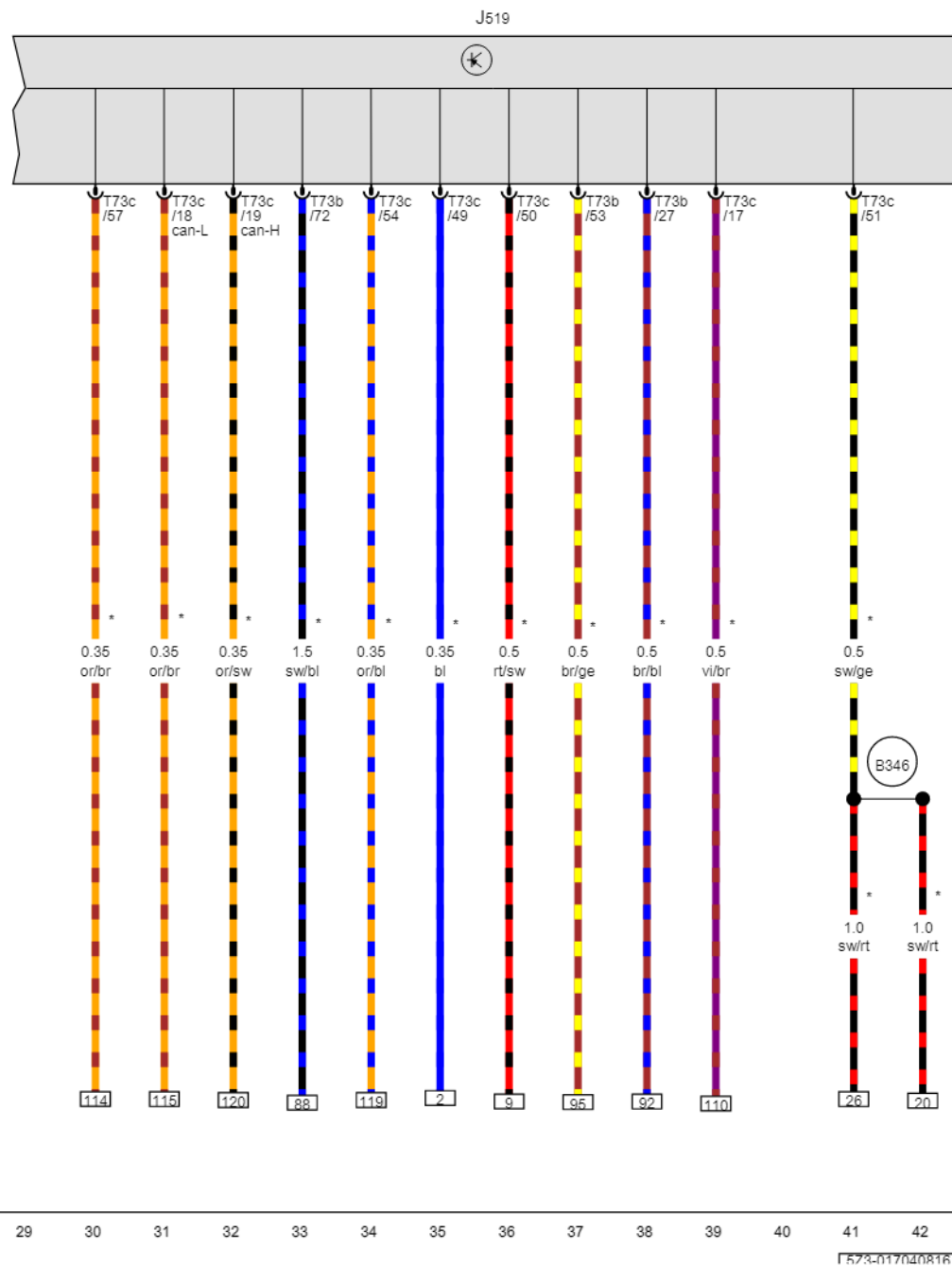
Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- B729 Connection 1 (50), in main wiring harness
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM



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Onboard supply control unit

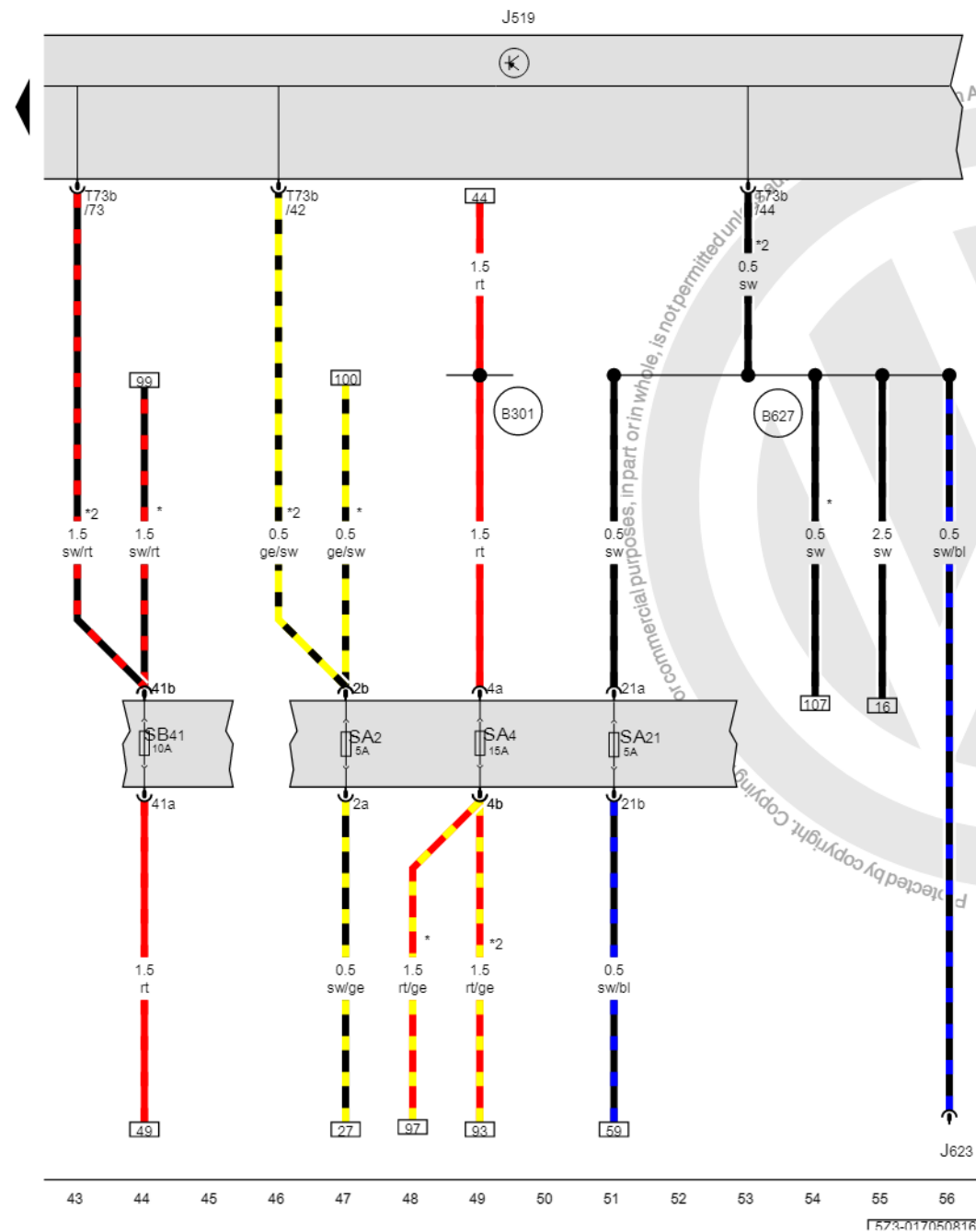
- J519 Onboard supply control unit
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- SB41 Fuse 41 on fuse holder B
- T73b 73-pin connector

B301 Positive connection 5 (30), in main wiring harness

B627 Positive connection 3 (15), in main wiring harness

\* Only models with onboard supply control unit BFM

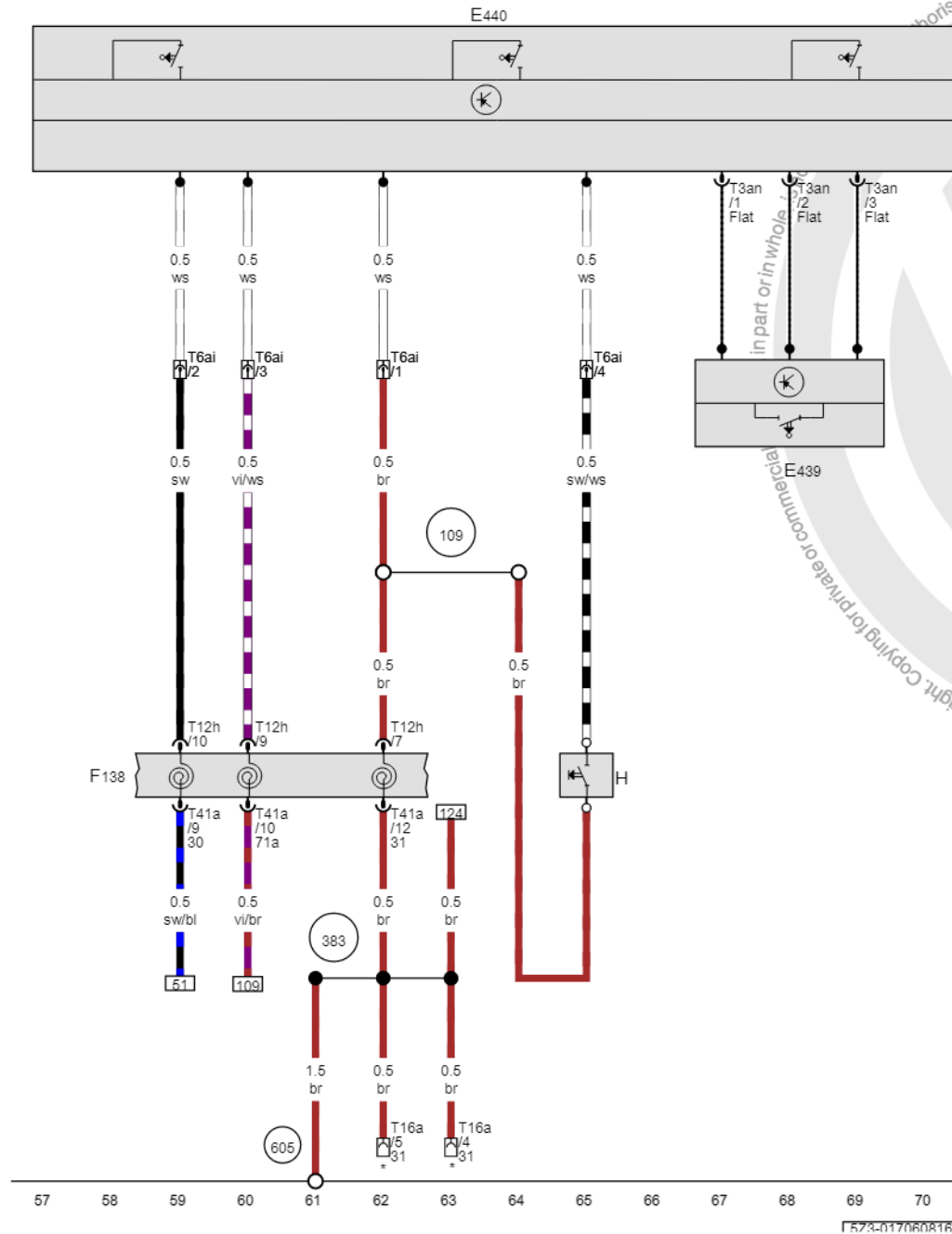
\*2 Only models with onboard supply control unit BCM



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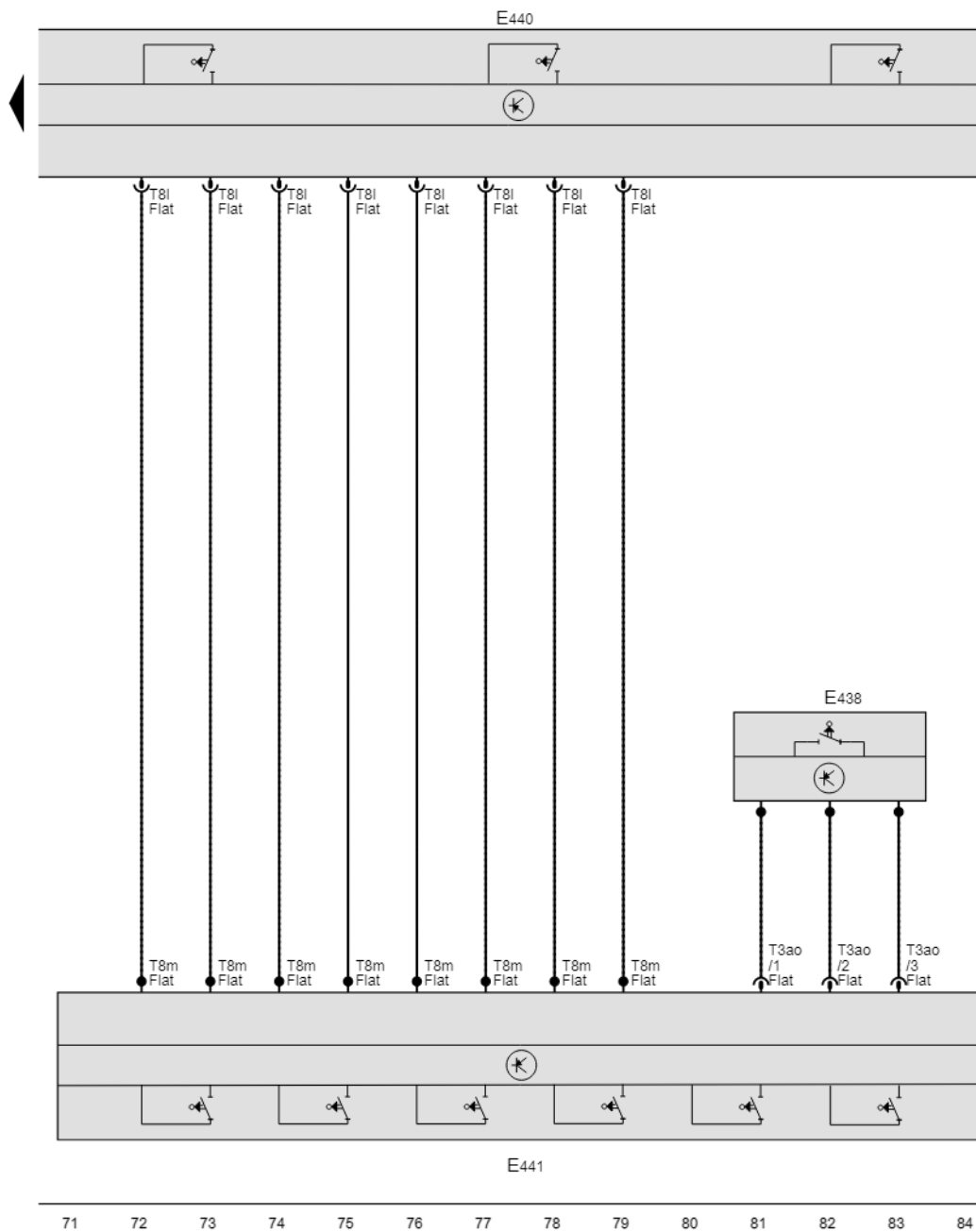
Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate



- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- T3an 3-pin connector
- T6ai 6-pin connector, on steering wheel
- T12h 12-pin connector
- T16a 16-pin connector
- T41a 41-pin connector

- 109 Earth connection, in airbag wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- \* Diagnostic connection

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Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

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Anti-theft alarm and vermin repellent system contact switch,  
Horn or dual tone horn, Alarm horn relay

- F120 Anti-theft alarm and vermin repellent system contact switch
- H1 Horn or dual tone horn
- J641 Alarm horn relay
- T2ab 2-pin connector
- T2z 2-pin connector
- T10l 10-pin connector

13 Earth point, on right in engine compartment

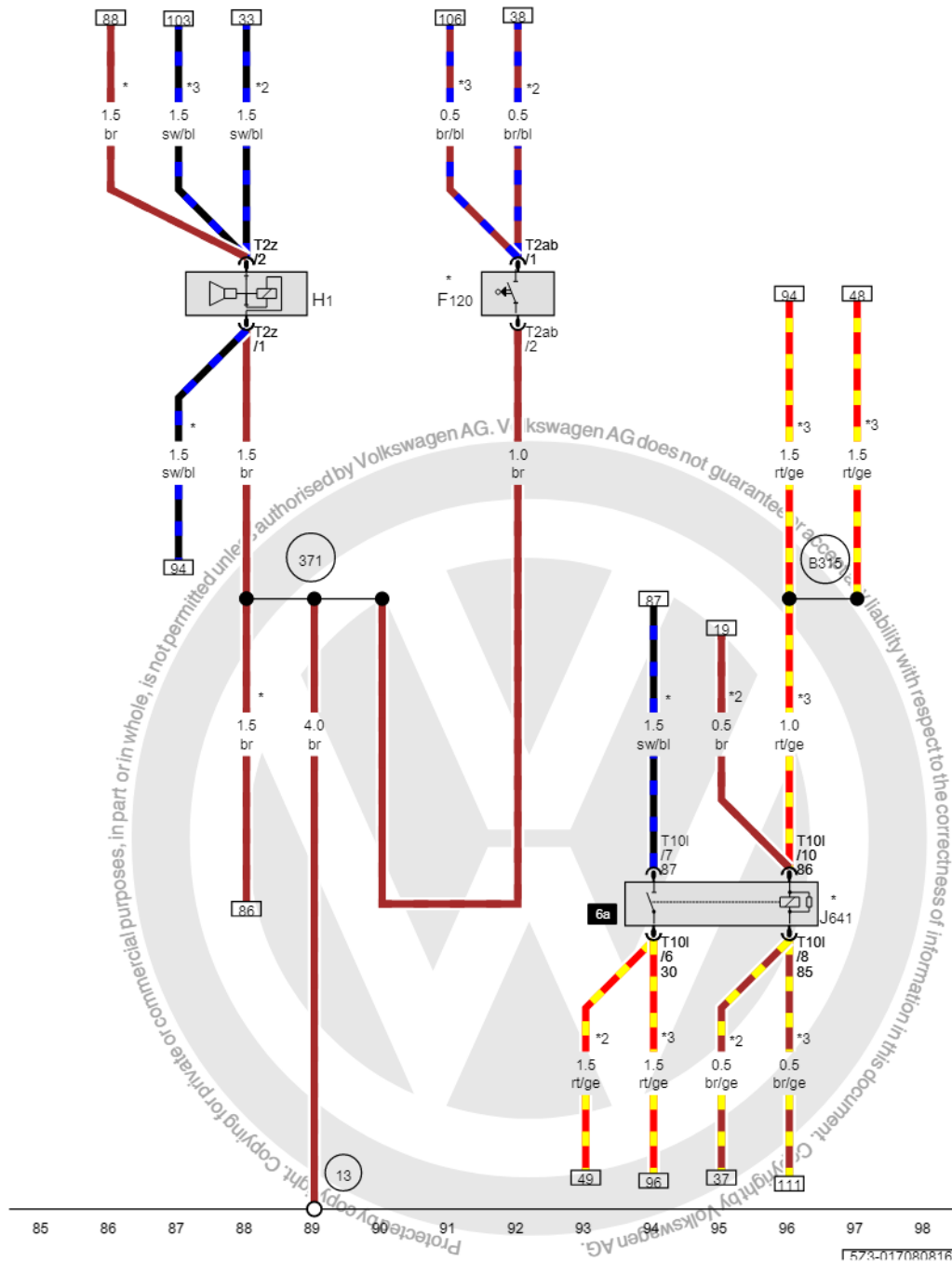
371 Earth connection 6, in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

\* For models with anti-theft alarm system

\*2 Only models with onboard supply control unit BCM

\*3 Only models with onboard supply control unit BFM



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# Onboard supply control unit

J519 Onboard supply control unit

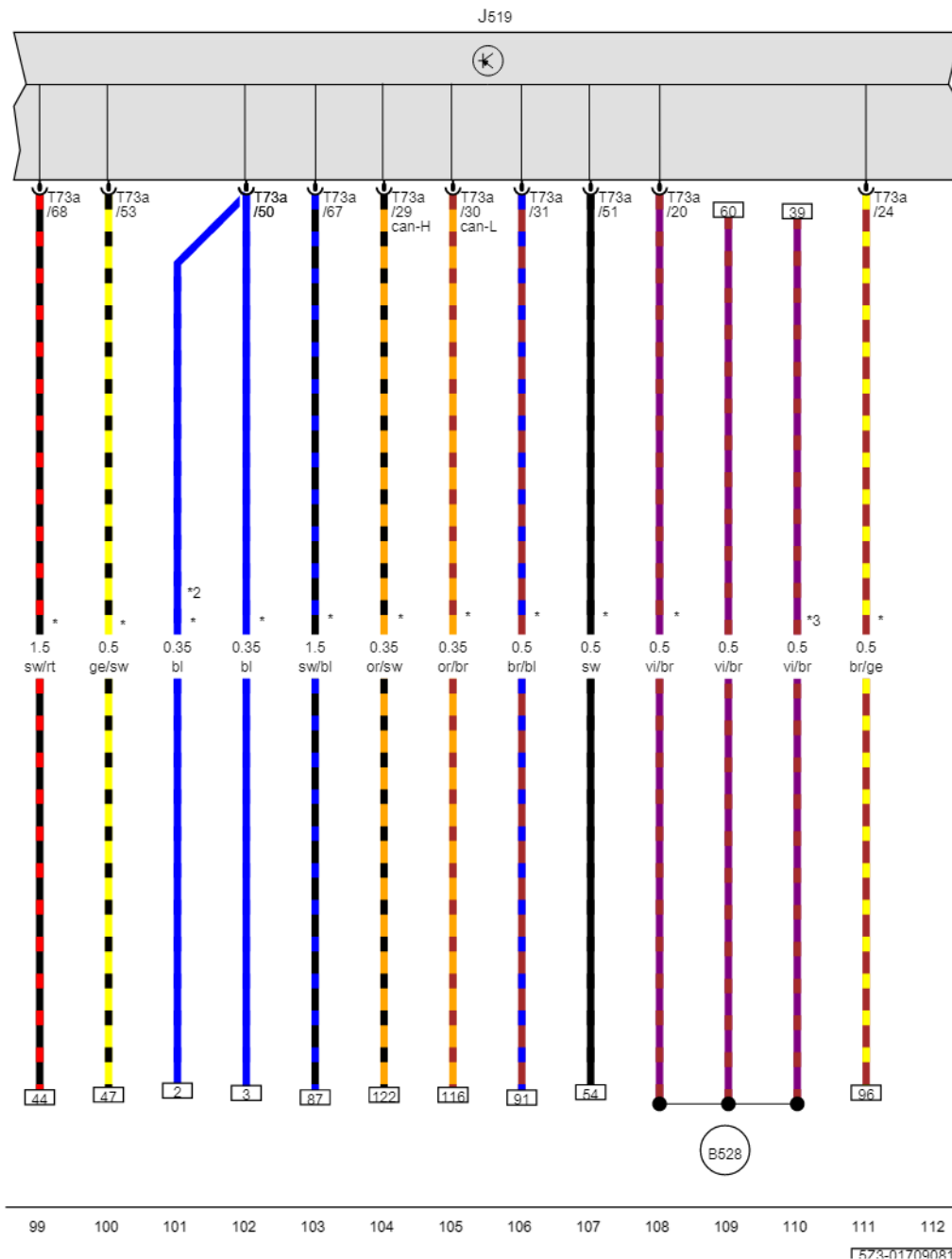
T73a 73-pin connector

B528 Connection 1 (LIN bus) in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with BlueMotion equipment

\*3 Only models with onboard supply control unit BCM



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Rev. counter, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

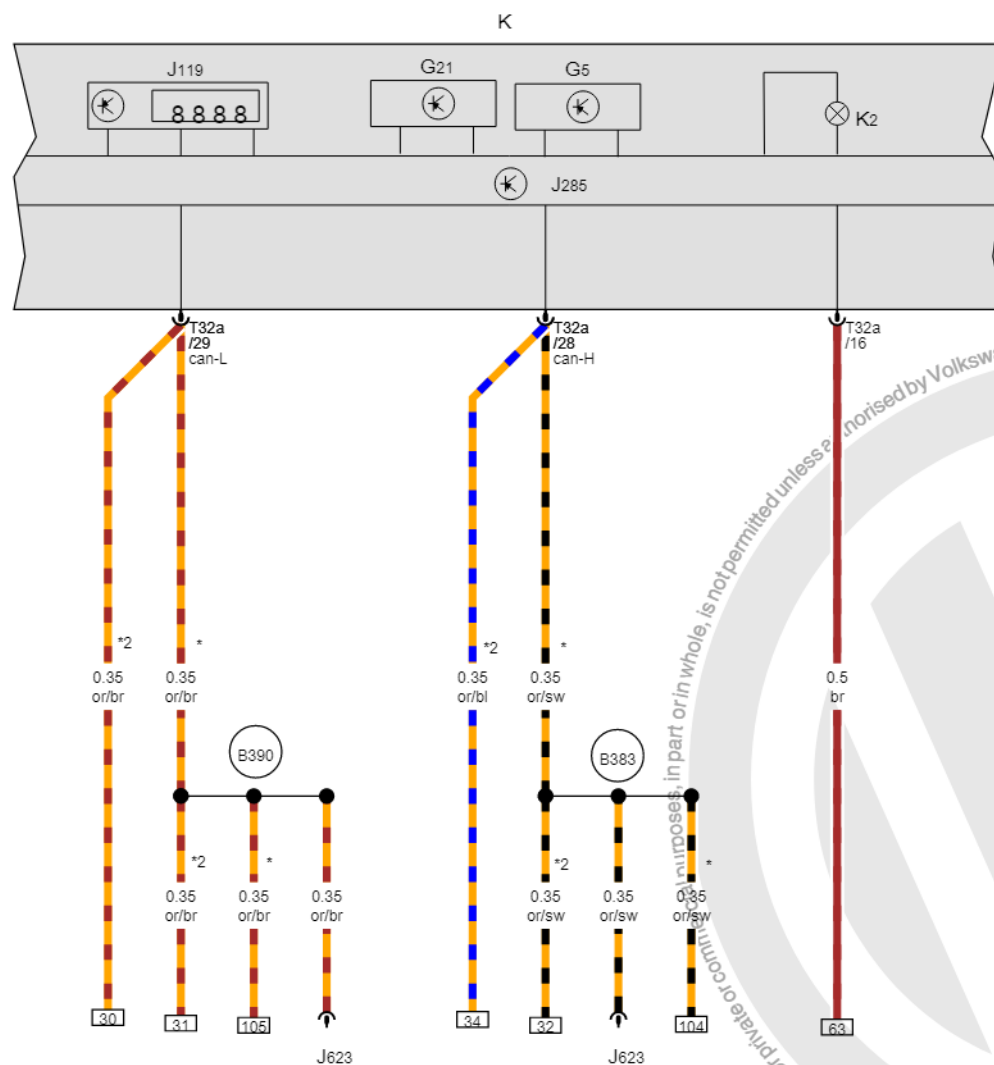
- G5 Rev. counter
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

\* Only models with onboard supply control unit BFM

\*2 Only models with onboard supply control unit BCM

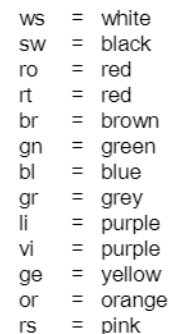


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- gr = grey
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## System for lowering passenger side mirror

From April 2013

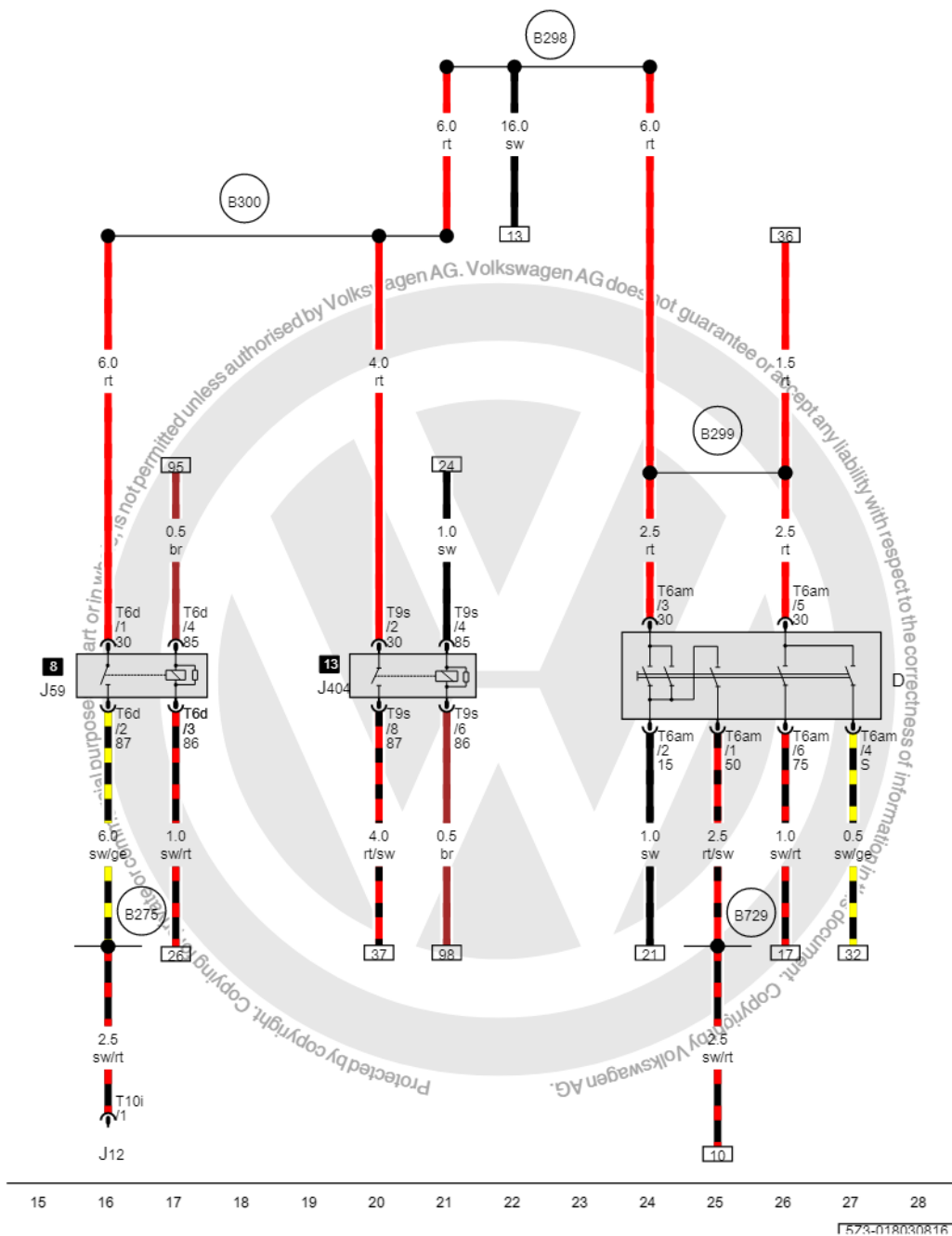




A	Battery
B	Starter
C	Alternator
C1	Voltage regulator
J519	Onboard supply control unit
J623	Engine control unit
S162	Fuse 1 (30), in battery fuse holder
S163	Fuse 2 (30), in battery fuse holder
T1j	Single connector
T2ak	2-pin connector, in engine compartment
T2ar	2-pin connector
T14a	14-pin connector, in engine compartment
T73a	73-pin connector
1	Earth strap, battery - body
49	Earth point, near ..., near battery
507	Threaded connection (30), on battery fuse holder
*	Only models with onboard supply control unit BFM
*2	Only models with BlueMotion equipment
*3	Only models with onboard supply control unit BCM

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness



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# Onboard supply control unit

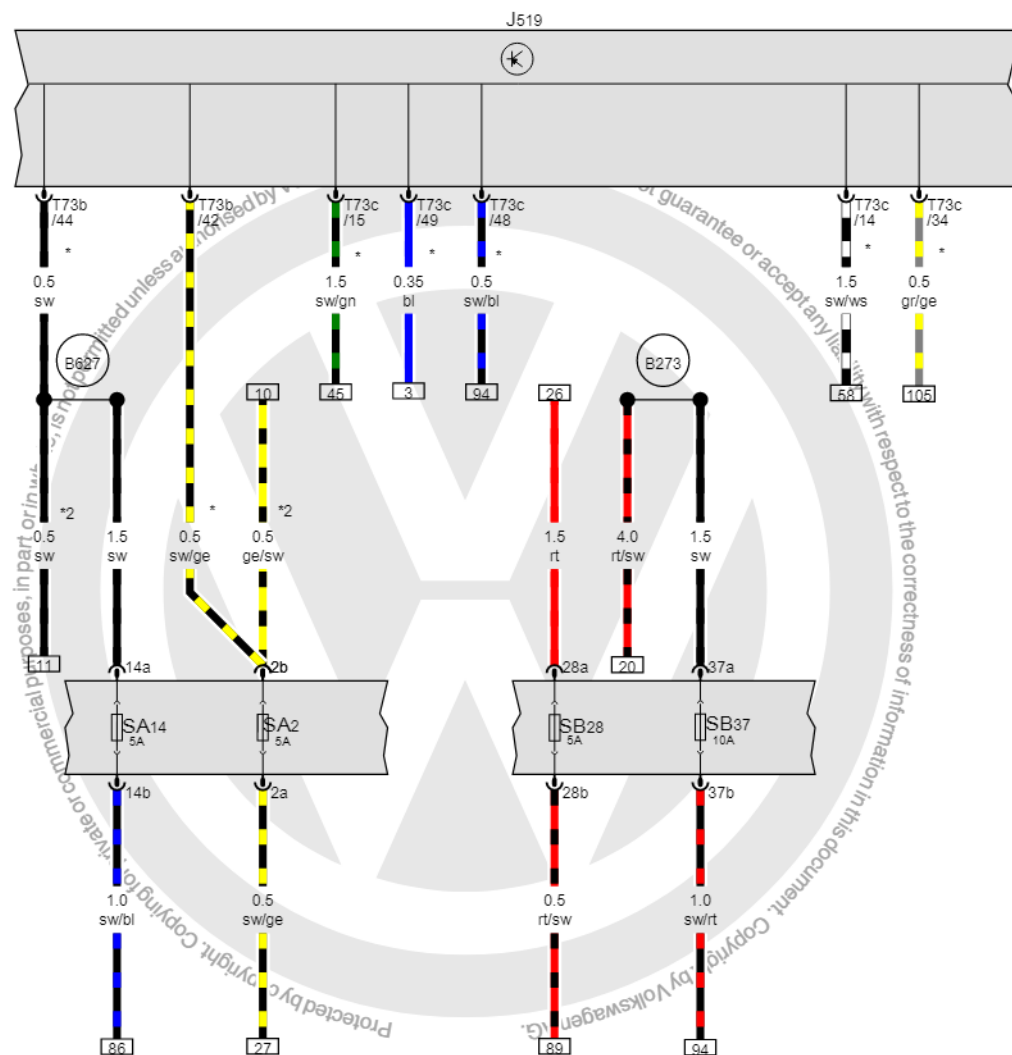
- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA14 Fuse 14 in fuse holder A
- SB28 Fuse 28 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector

(B627) Positive connection (15), in main wiring harness

(B273) Positive connection 3 (15), in main wiring harness

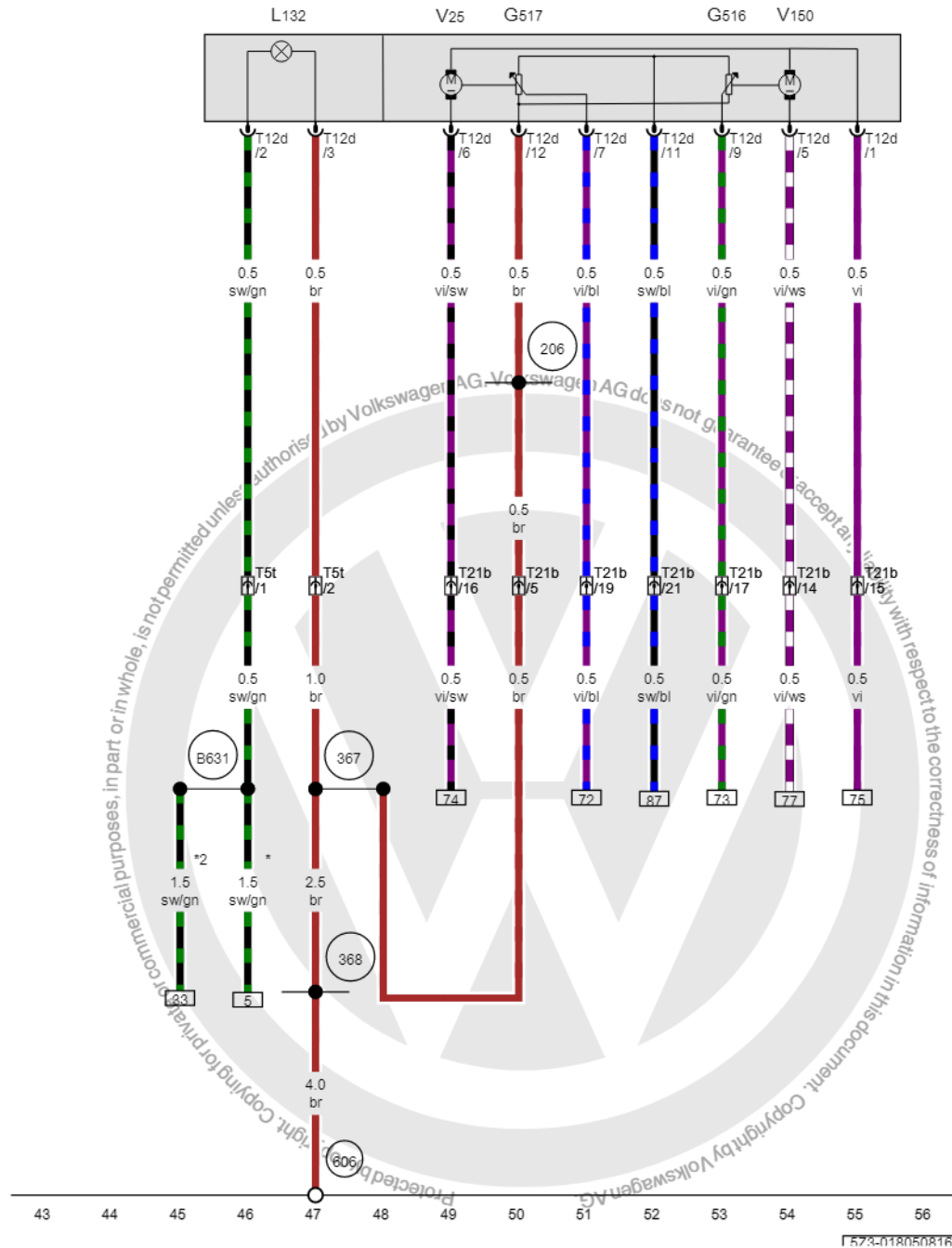
\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM



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Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side mirror adjustment motor

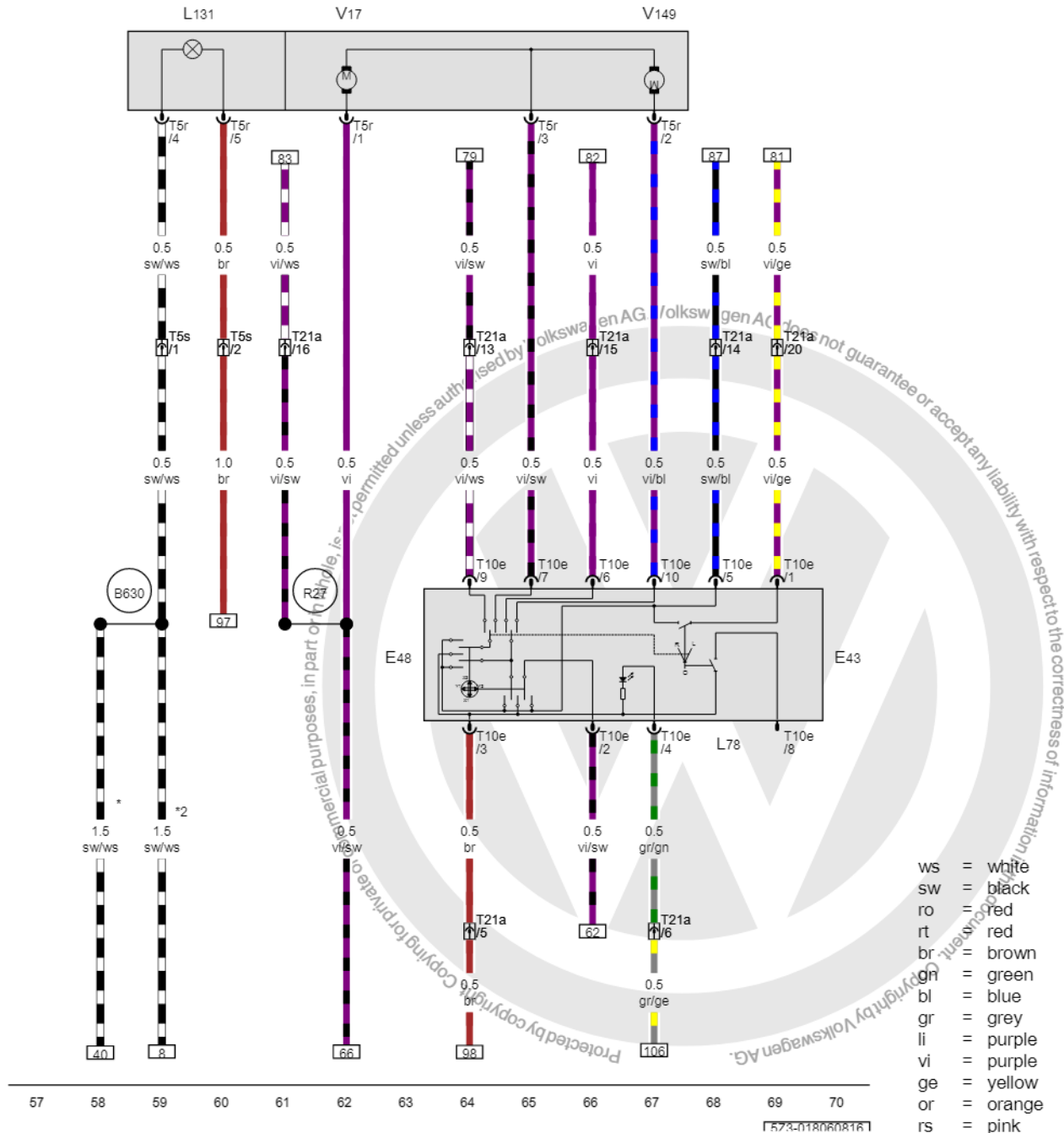


- G516 Potentiometer for horizontal adjustment of front passenger side mirror
- G517 Potentiometer for vertical adjustment of front passenger side mirror
- L132 Front passenger side turn signal repeater bulb
- T5t 5-pin connector, in front passenger door
- T12d 12-pin connector
- T21b 21-pin connector, in front passenger door
- V25 Front passenger side mirror adjustment motor 2
- V150 Front passenger side mirror adjustment motor

- 206 Earth connection, in front passenger door wiring harness
- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B631 Positive connection (right turn signal bulb), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

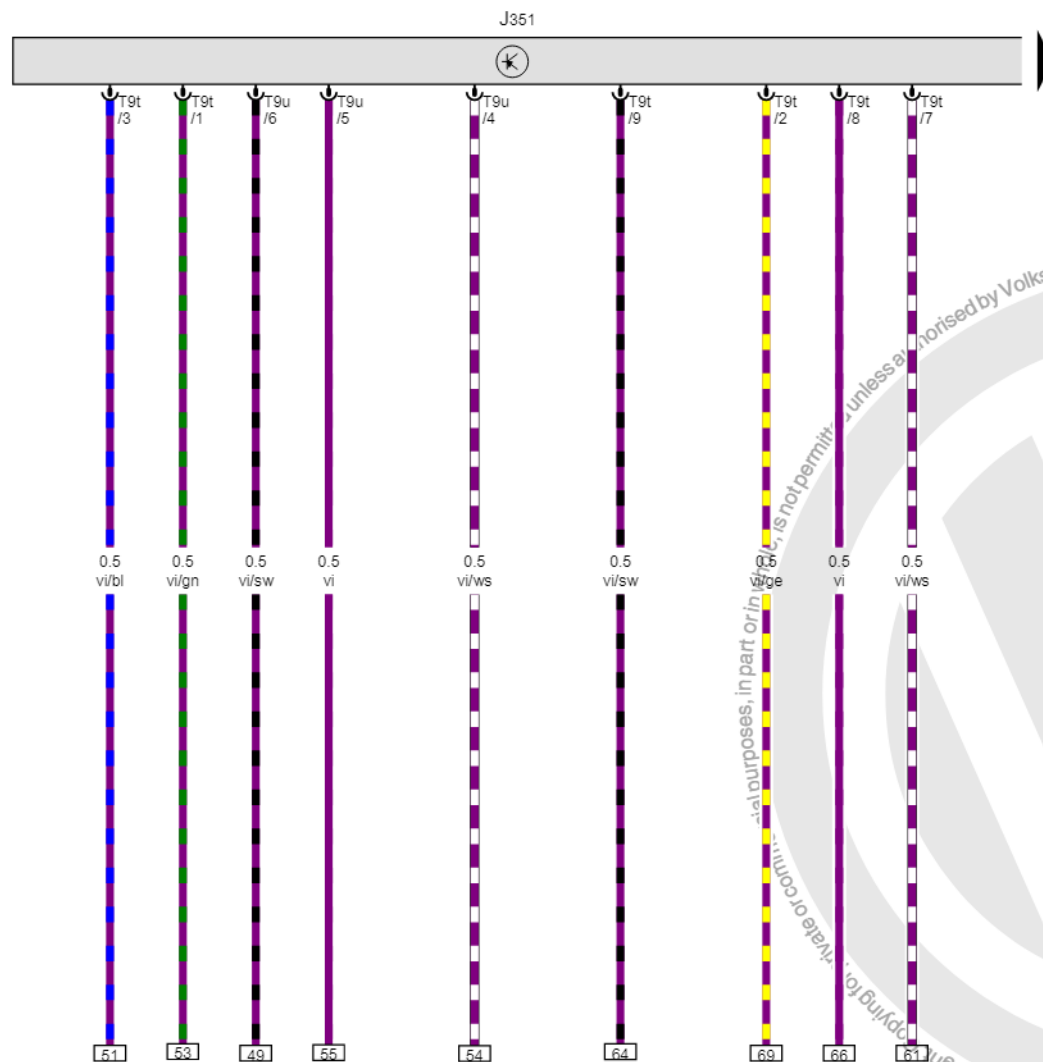
Mirror adjustment switch, Mirror adjustment changeover switch, Mirror adjustment switch illumination bulb, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side mirror adjustment motor

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- L78 Mirror adjustment switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T5r 5-pin connector
- T5s 5-pin connector, in driver door
- T10e 10-pin connector
- T21a 21-pin connector, in driver door
- V17 Driver side mirror adjustment motor 2
- V149 Driver side mirror adjustment motor
- B630 Positive connection (left turn signal bulb), in main wiring harness
- R27 Connection (mirror adjustment), in driver door wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



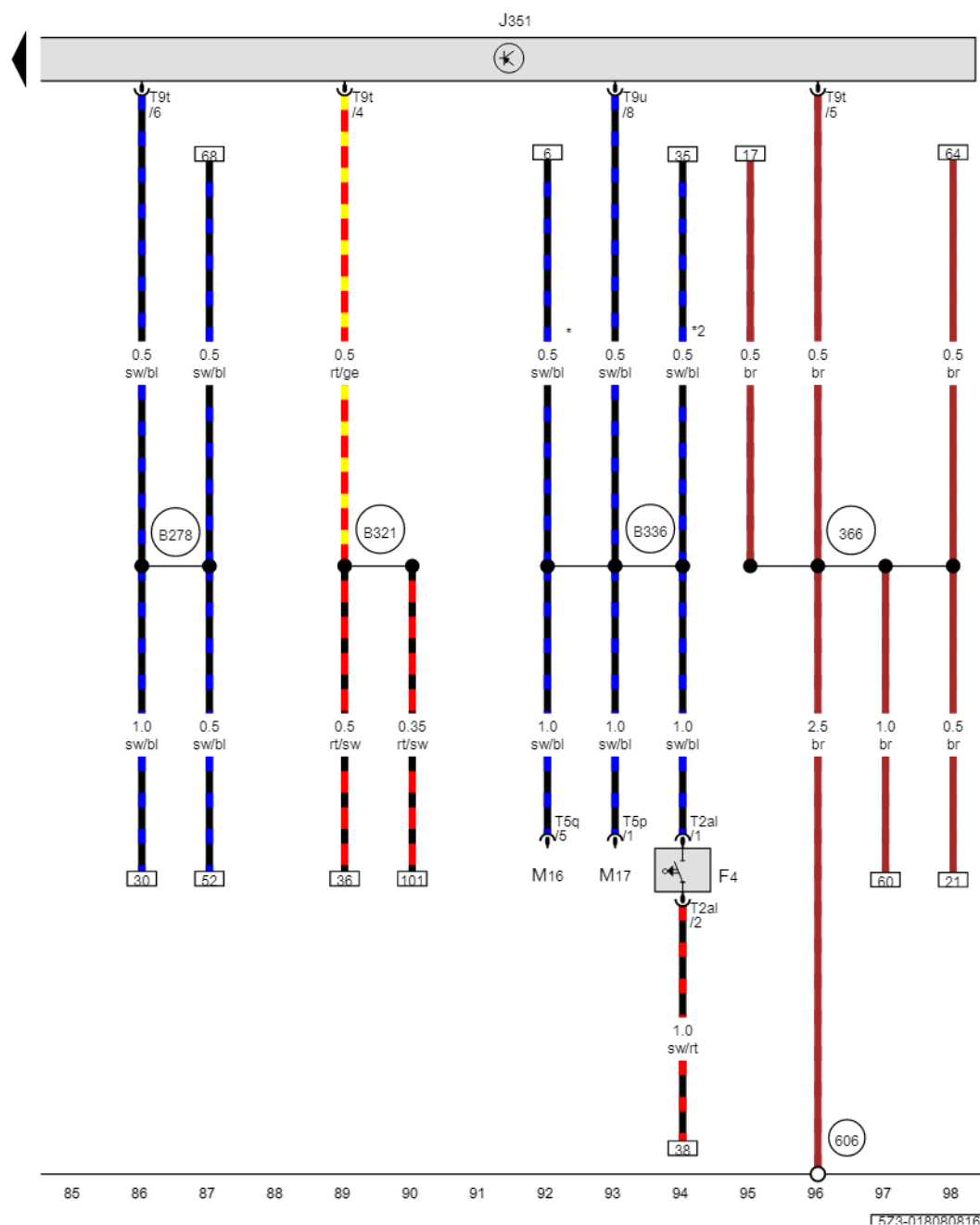
Folding exterior mirror control unit

J351 Folding exterior mirror control unit  
T9t 9-pin connector  
T9u 9-pin connector



ws = white  
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Reversing light switch, Folding exterior mirror control unit



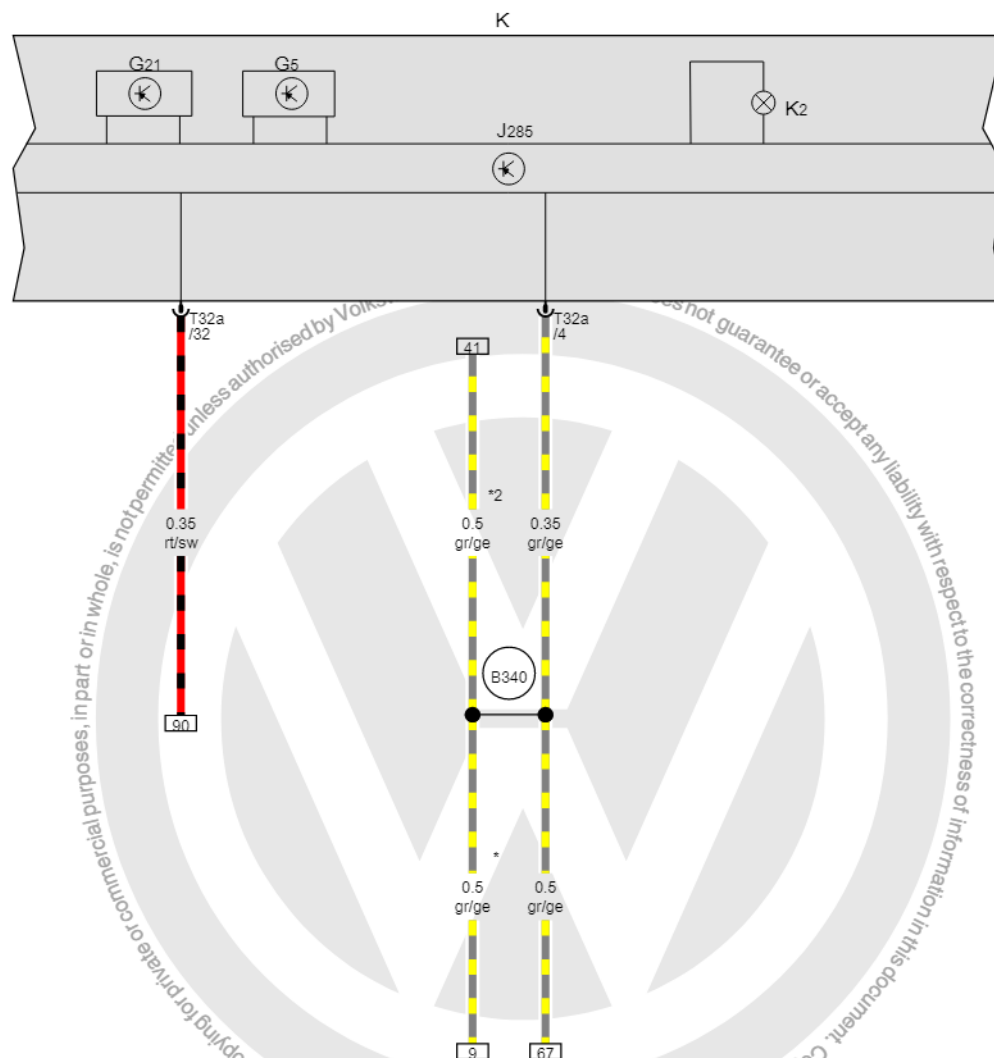
- F4 Reversing light switch
- J351 Folding exterior mirror control unit
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2al 2-pin connector
- T5p 5-pin connector
- T5q 5-pin connector
- T9t 9-pin connector
- T9u 9-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B278 Positive connection 2 (15a) in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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 rt = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector
- B340 Connection 1 (58d), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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## Air conditioning system

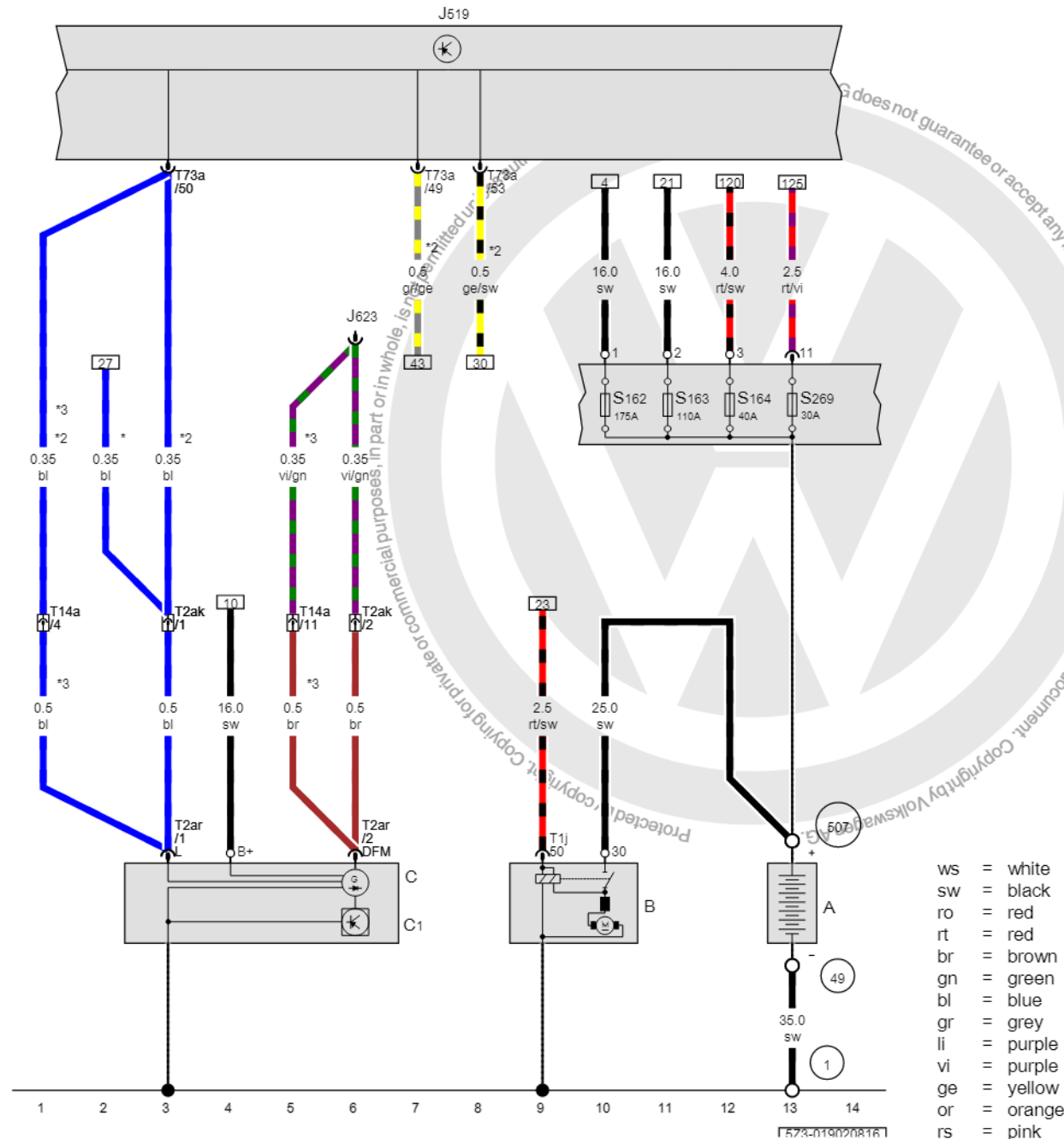
From April 2013



Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

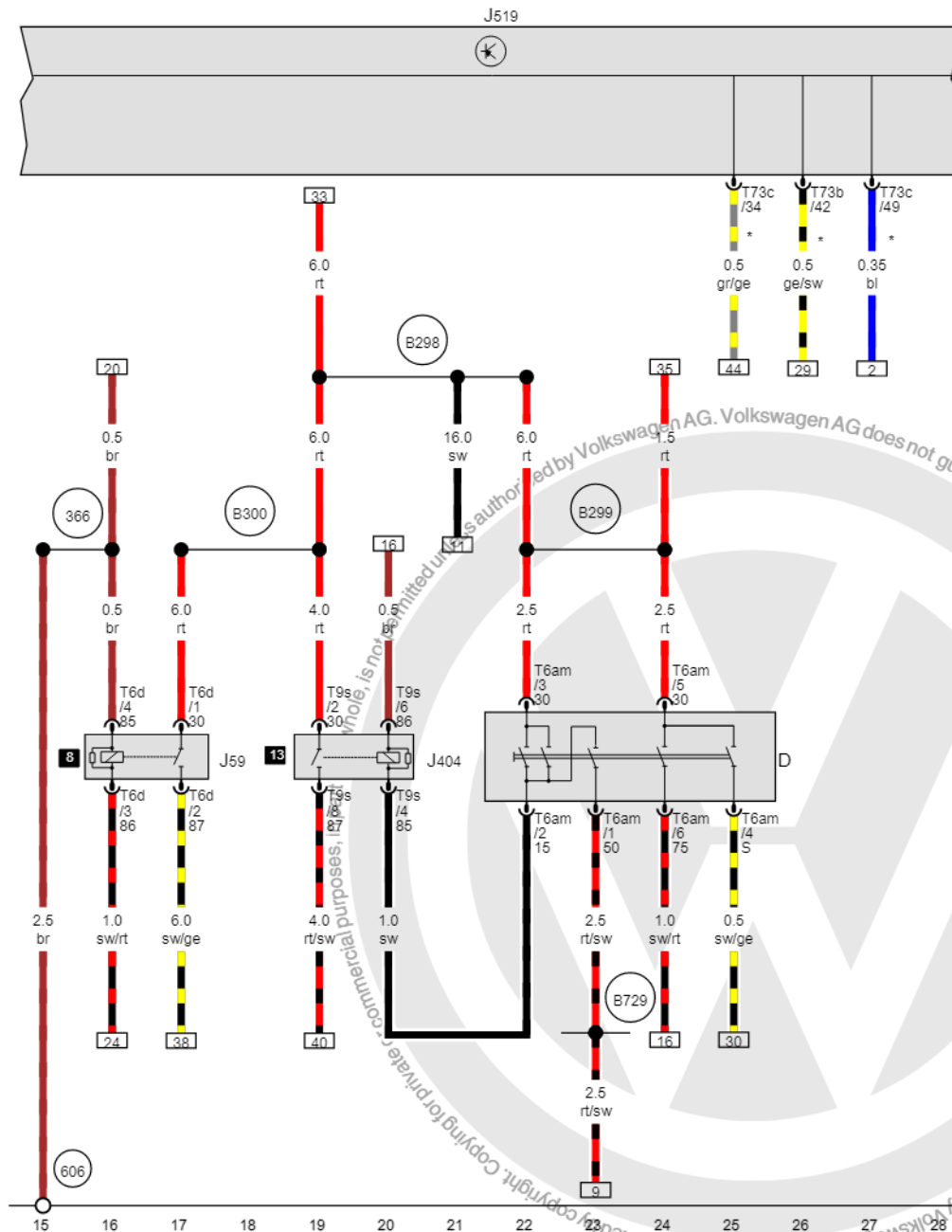
- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S164 Fuse 3 (30), in battery fuse holder
- S269 Fuse 11 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- T73a 73-pin connector

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with BlueMotion equipment





Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay, Onboard supply control unit



- D Ignition/starter switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- J519 Onboard supply control unit
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T73b 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- \* Only models with onboard supply control unit BCM

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Fuse 2 in fuse holder A, Fuse 15 in fuse holder A, Fuse 28 on fuse holder B, Fuse 38 on fuse holder B, Fuse 42 on fuse holder B

SA2 Fuse 2 in fuse holder A  
SA15 Fuse 15 in fuse holder A  
SB28 Fuse 28 on fuse holder B  
SB38 Fuse 38 on fuse holder B  
SB42 Fuse 42 on fuse holder B

B273 Positive connection (15), in main wiring harness

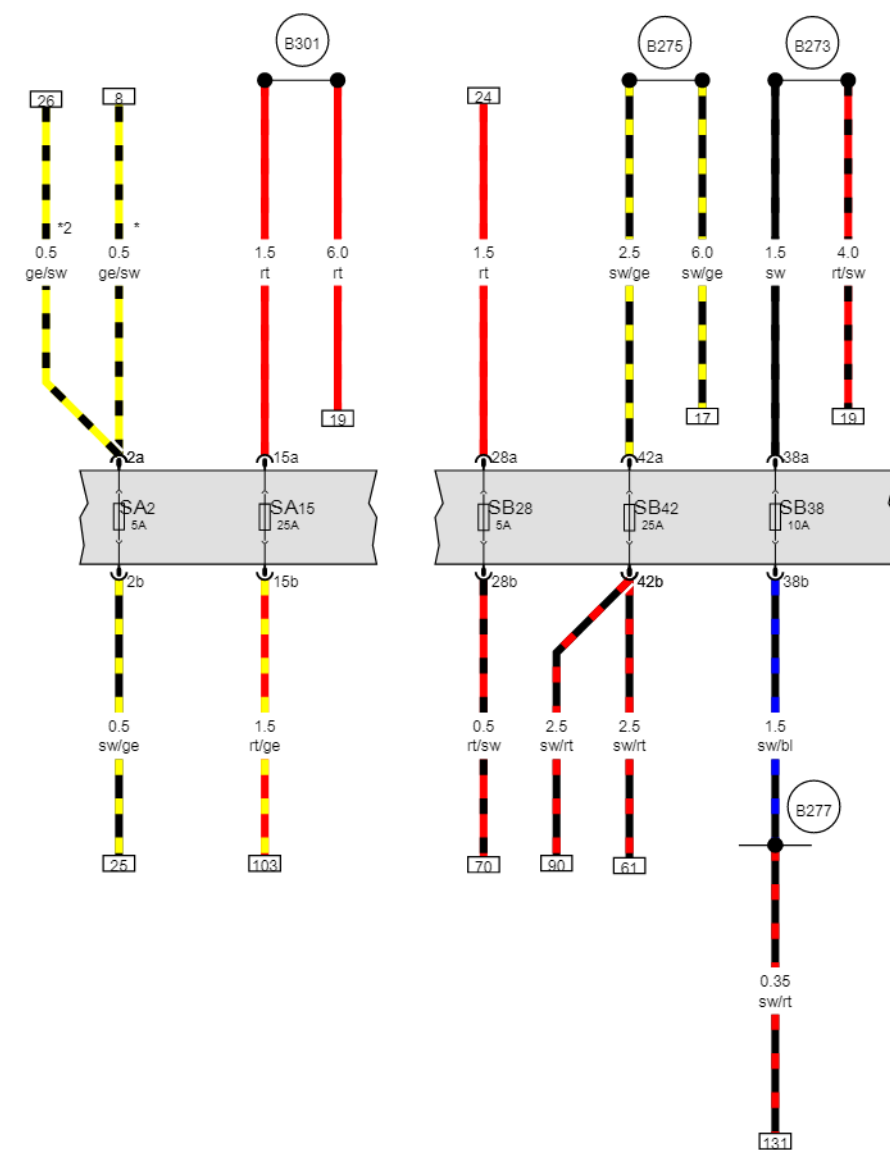
B275 Positive connection (87), in main wiring harness

B277 Positive connection 1 (15a) in main wiring harness

B301 Positive connection 5 (30), in main wiring harness

\* Only models with onboard supply control unit BFM

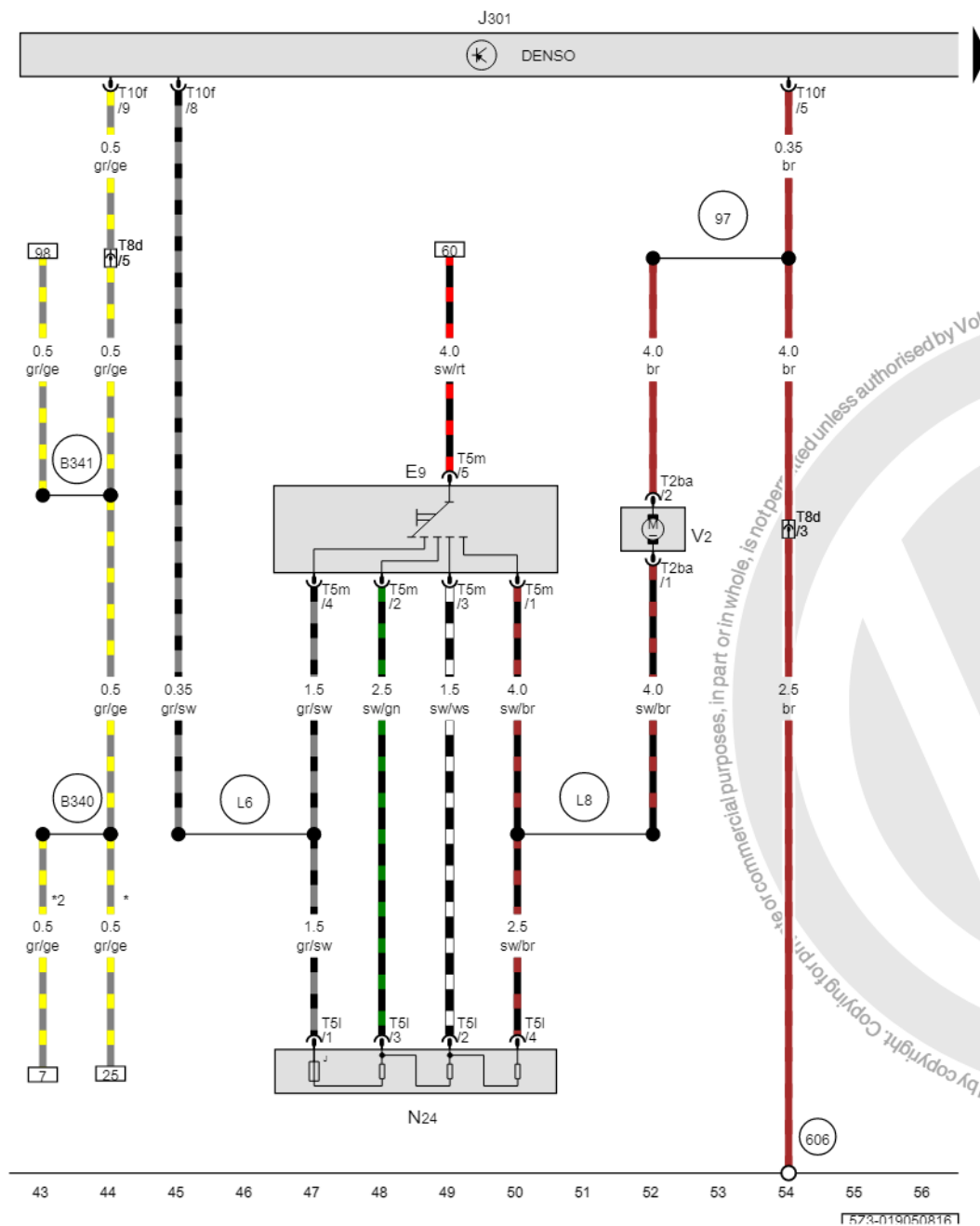
\*2 Only models with onboard supply control unit BCM



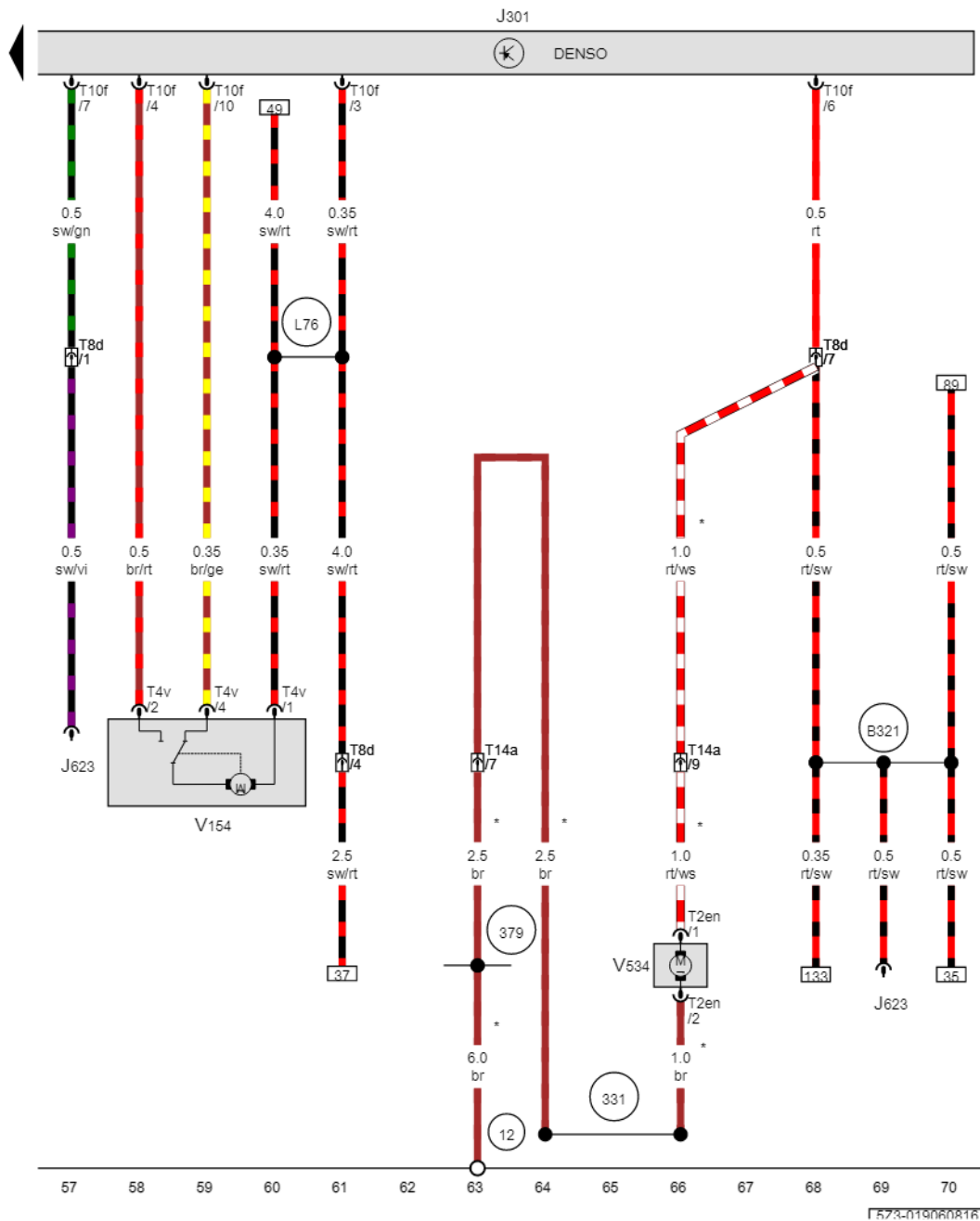
w = white  
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Fresh air blower switch, Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J301 Air conditioning system control unit
- N24 Fresh air blower series resistor with overheating fuse
- T2ba 2-pin connector
- T5l 5-pin connector
- T5m 5-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- V2 Fresh air blower
- 97 Earth connection 1, in air conditioning system wiring harness
- 606 Earth point, under the centre console near gear stick
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- L6 Connection 2, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



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Air conditioning system control unit, Fresh air and air recirculation flap control motor, Air compressor

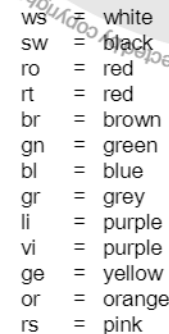
- J301 Air conditioning system control unit
- J623 Engine control unit
- T2en 2-pin connector
- T4v 4-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T14a 14-pin connector, in engine compartment
- V154 Fresh air and air recirculation flap control motor
- V534 Air compressor

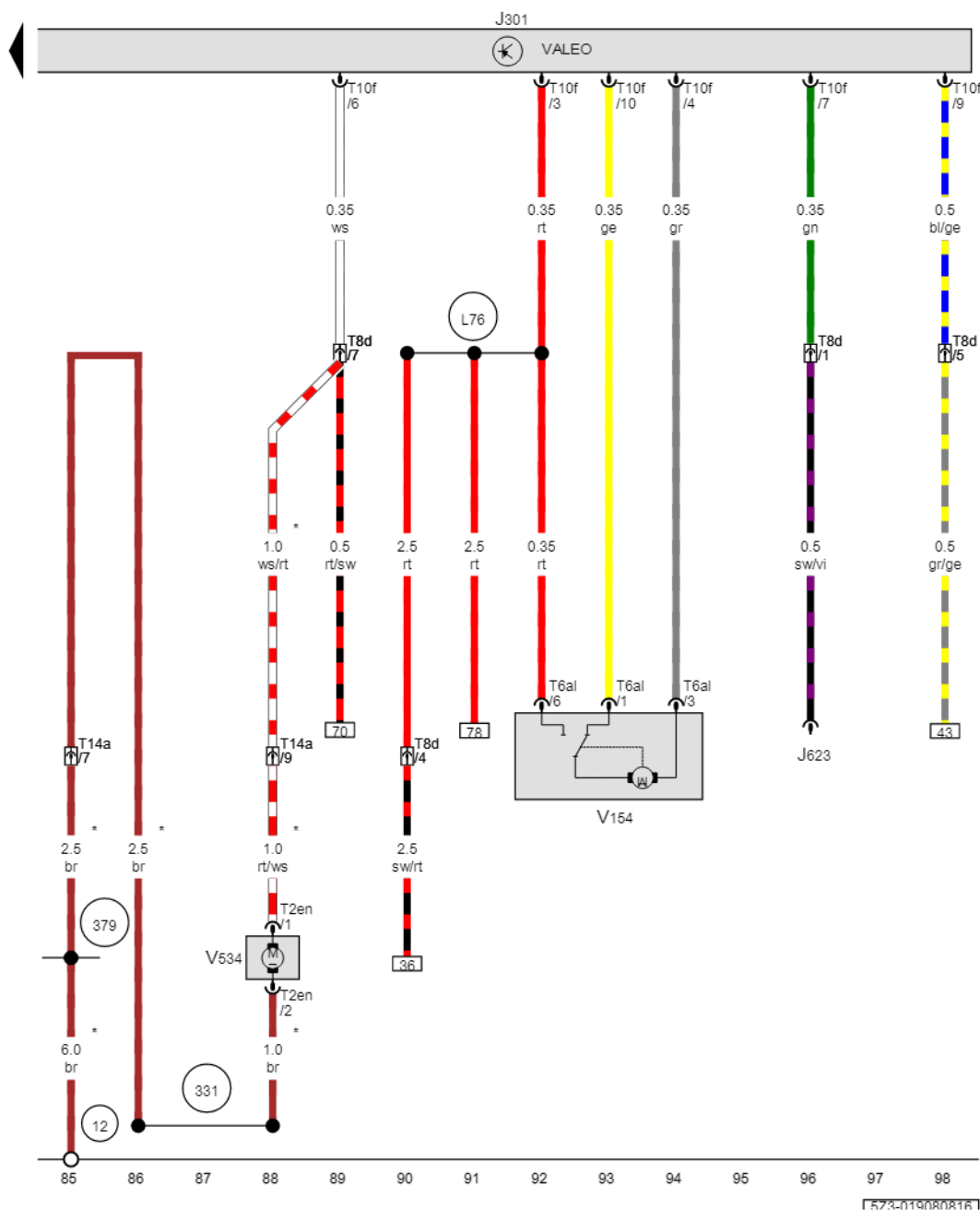
- 12 Earth point, on left in engine compartment
- 331 Earth connection, in injection system wiring harness
- 379 Earth connection 14, in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness
- \* Only models with BlueMotion equipment

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E9	Fresh air blower switch
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T2ba	2-pin connector
T4a	4-pin connector
T5m	5-pin connector
T8d	8-pin connector, behind dash panel, centre
T10f	10-pin connector
V2	Fresh air blower

(L8) Connection 4, in evaporator housing unit wiring harness





# Air conditioning system control unit, Fresh air and air recirculation flap control motor, Air compressor

- J301 Air conditioning system control unit
- J623 Engine control unit
- T2en 2-pin connector
- T6al 6-pin connector
- T8d 8-pin connector, behind dash panel, centre
- T10f 10-pin connector
- T14a 14-pin connector, in engine compartment
- V154 Fresh air and air recirculation flap control motor
- V534 Air compressor

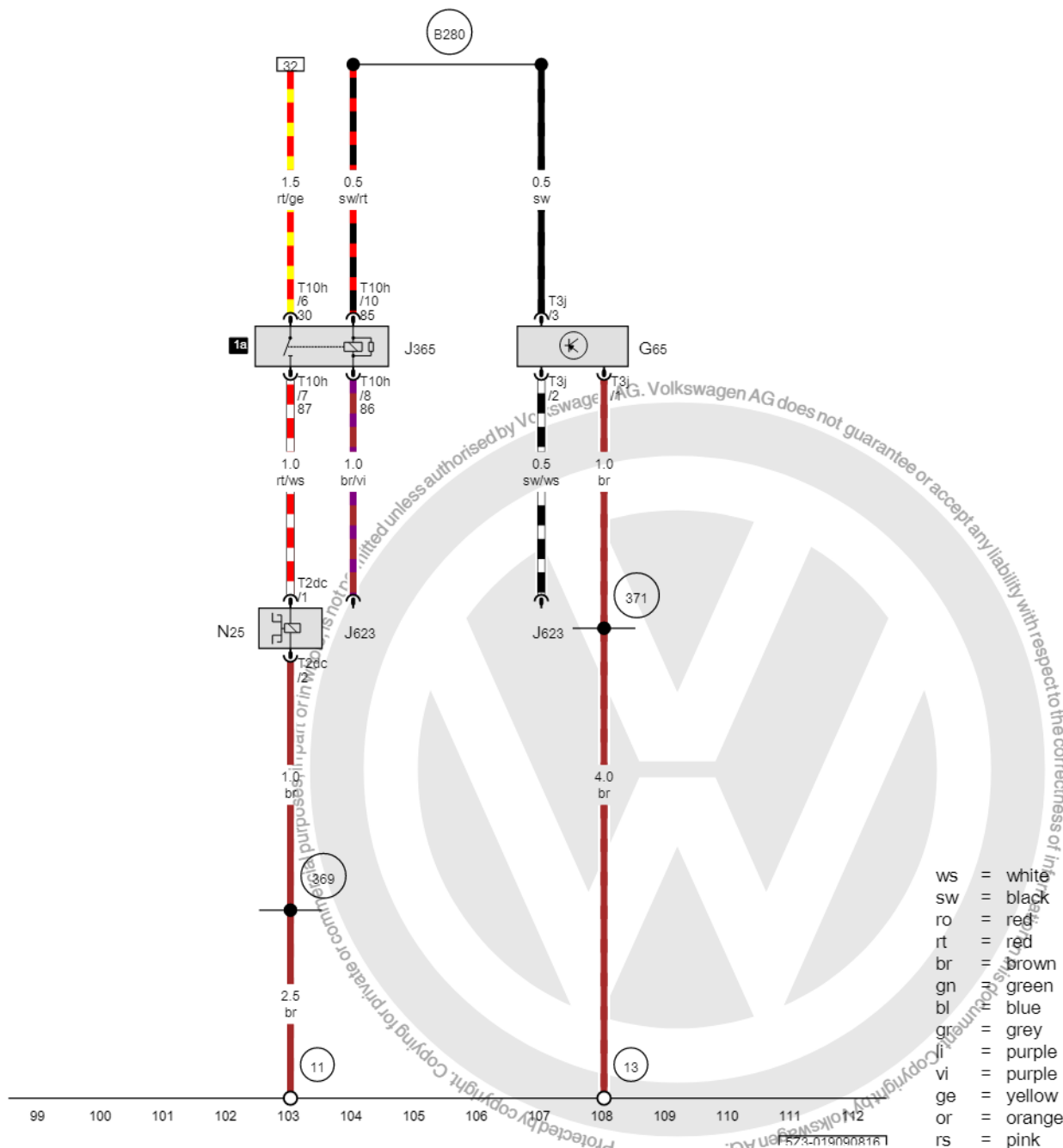
- 12 Earth point, on left in engine compartment
- 331 Earth connection, in injection system wiring harness
- 379 Earth connection 14, in main wiring harness
- L76 Connection (87), in air conditioning system wiring harness
- \* Only models with BlueMotion equipment

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- or = orange
- rs = pink

High-pressure sender, Air conditioning system switch-off relay, Air conditioning system magnetic clutch

- G65 High-pressure sender
- J365 Air conditioning system switch-off relay
- J623 Engine control unit
- N25 Air conditioning system magnetic clutch
- T2dc 2-pin connector
- T3j 3-pin connector
- T10h 10-pin connector

- 11 Earth point, in battery box
- 13 Earth point, on right in engine compartment
- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness





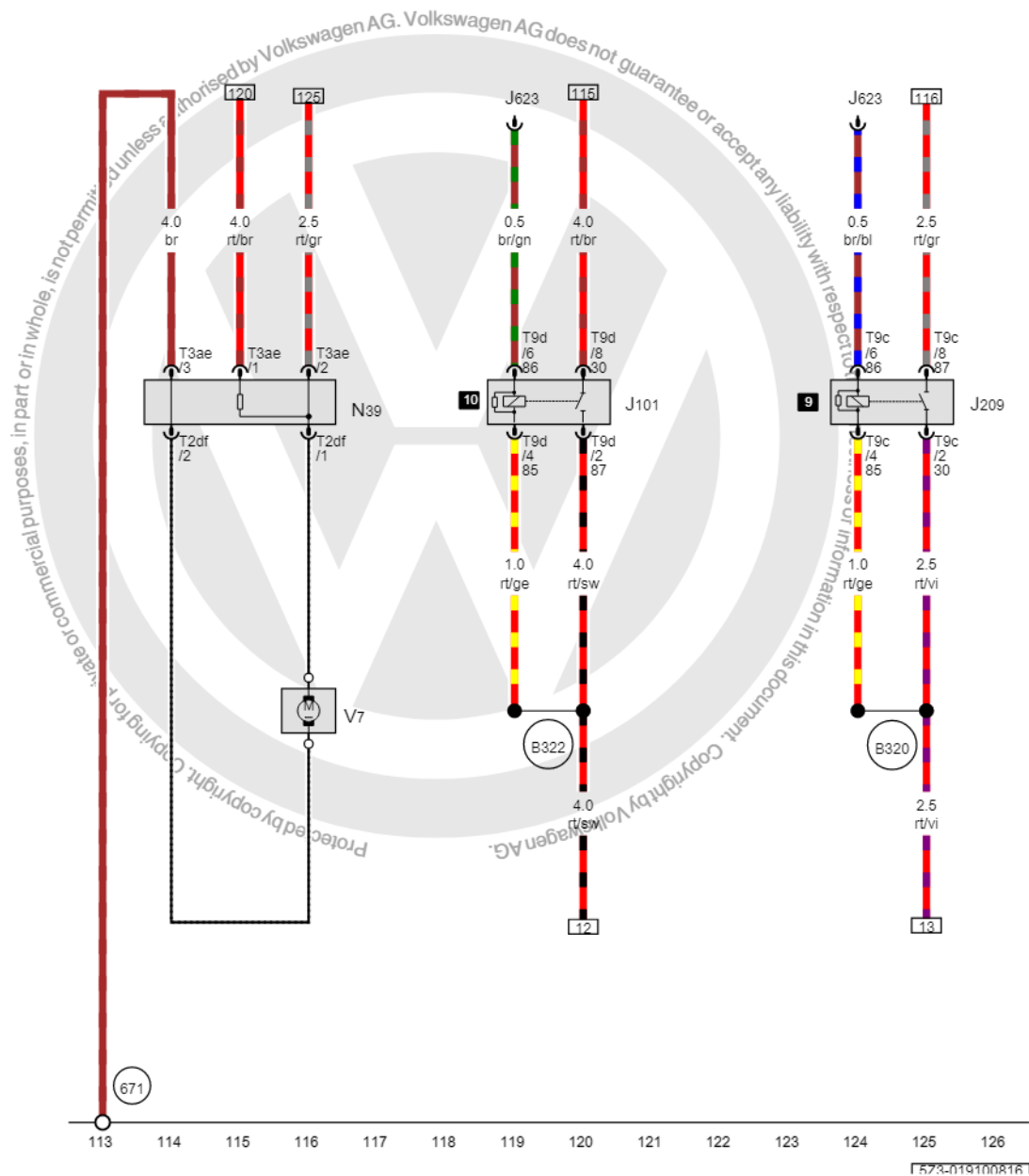
Radiator fan 2nd speed relay, Fresh air blower and radiator fan relay, Radiator fan series resistor, Radiator fan

- J101 Radiator fan 2nd speed relay
- J209 Fresh air blower and radiator fan relay
- J623 Engine control unit
- N39 Radiator fan series resistor
- T2df 2-pin connector
- T3ae 3-pin connector
- T9c 9-pin connector
- T9d 9-pin connector
- V7 Radiator fan

671 Earth point 1, on front of left longitudinal member

B320 Positive connection 6 (30a) in main wiring harness

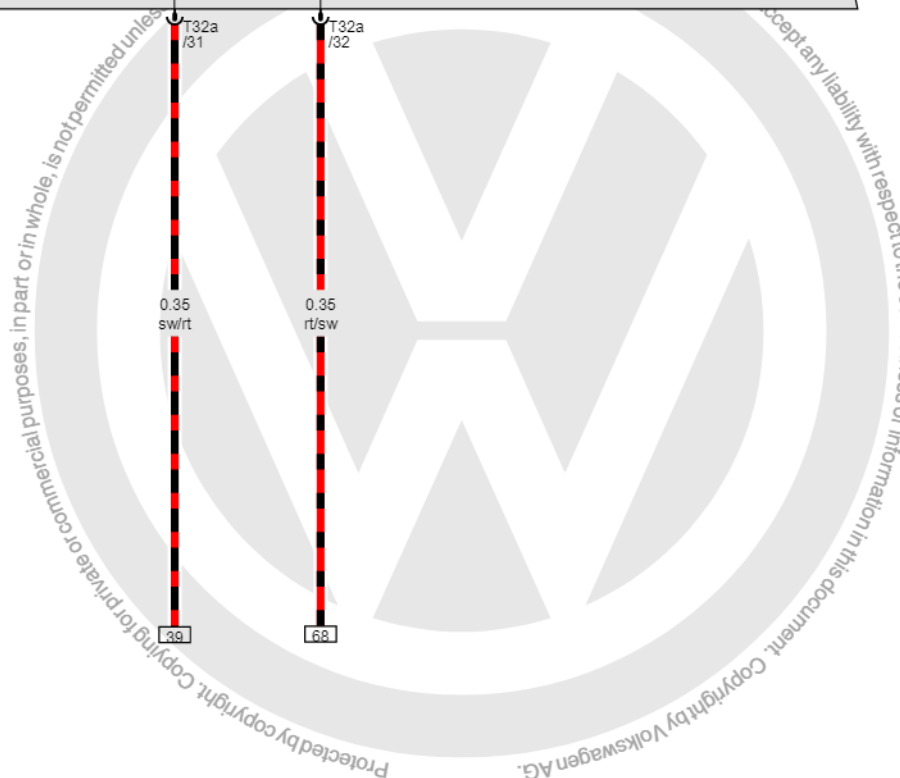
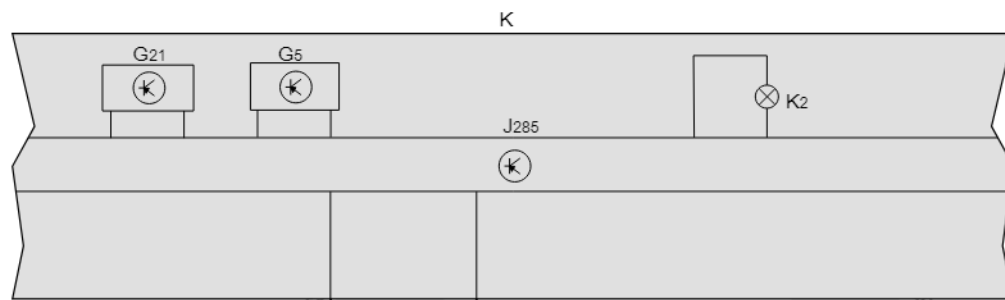
B322 Positive connection 8 (30a) in main wiring harness





Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

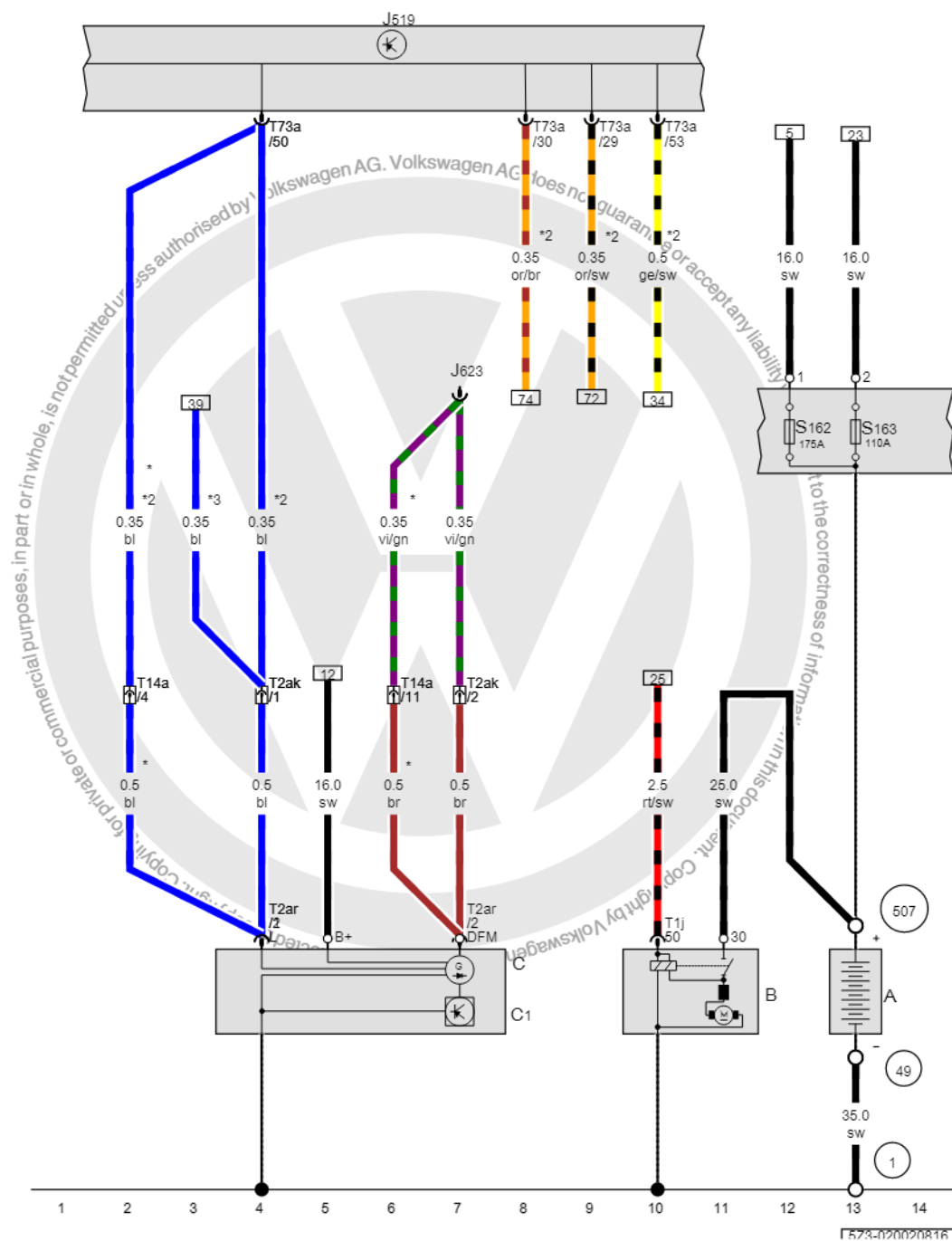


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Interactive system

From April 2013



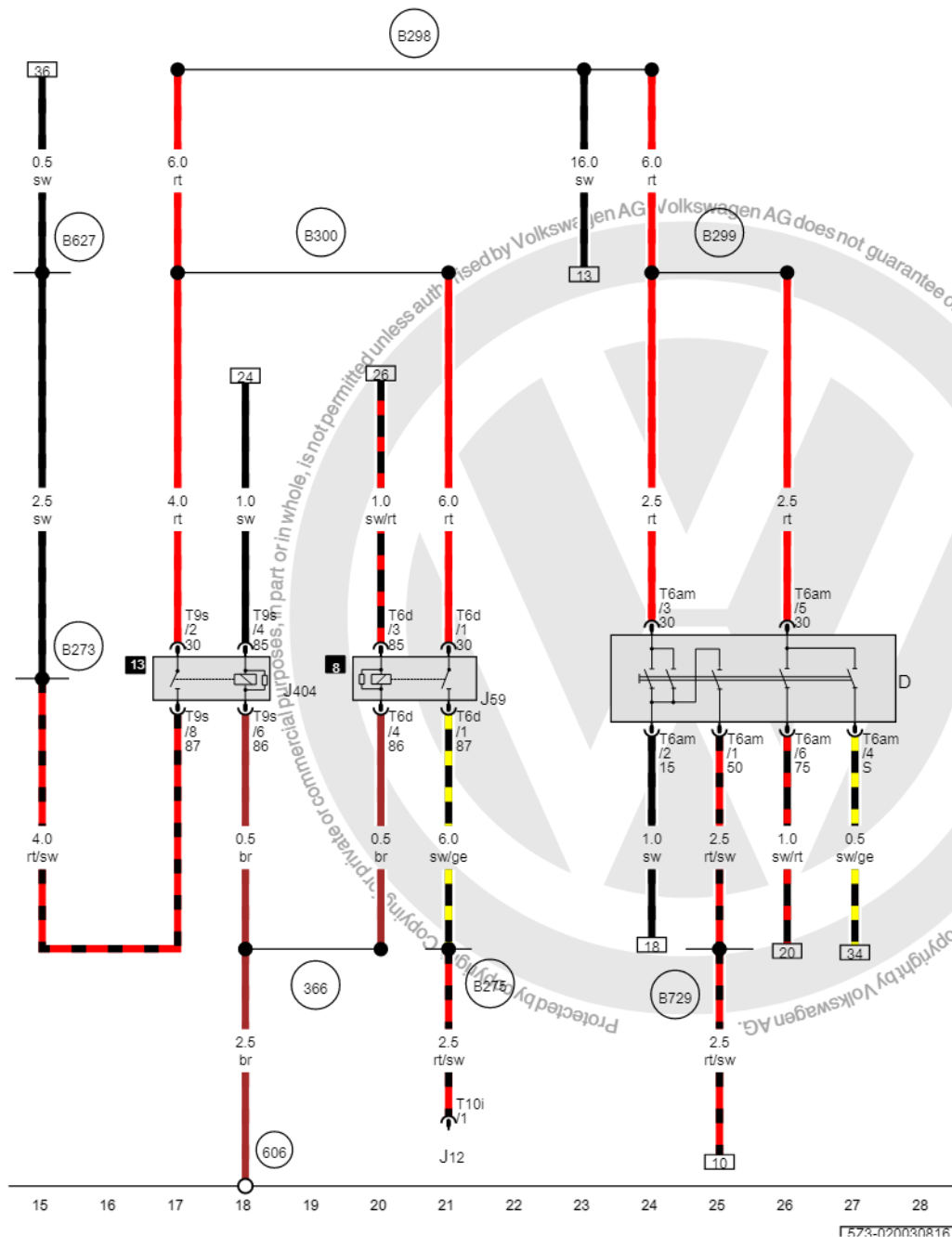


# Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J519 Onboard supply control unit
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

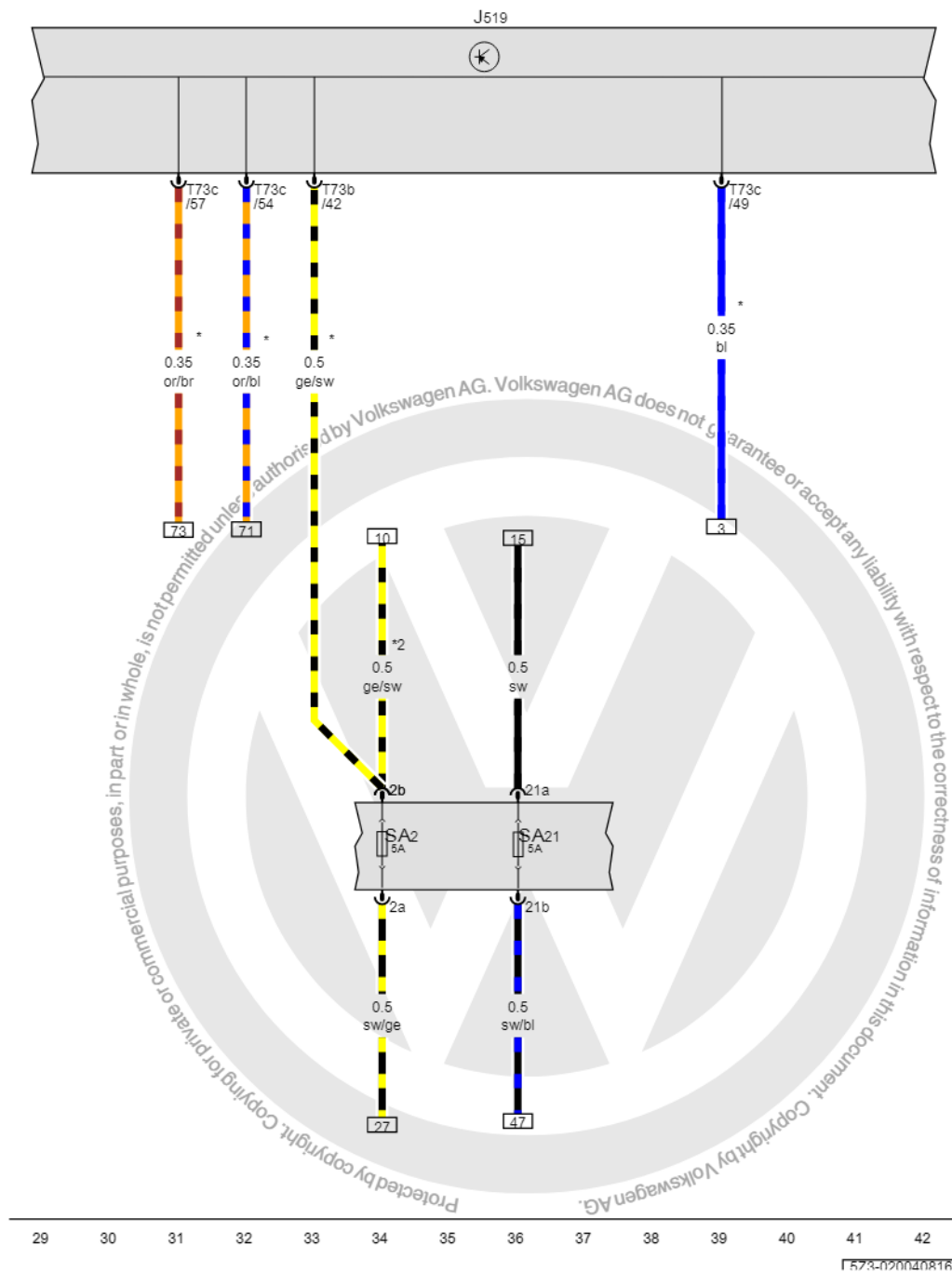
Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay



- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B273 Positive connection (15), in main wiring harness
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- B729 Connection 1 (50), in main wiring harness

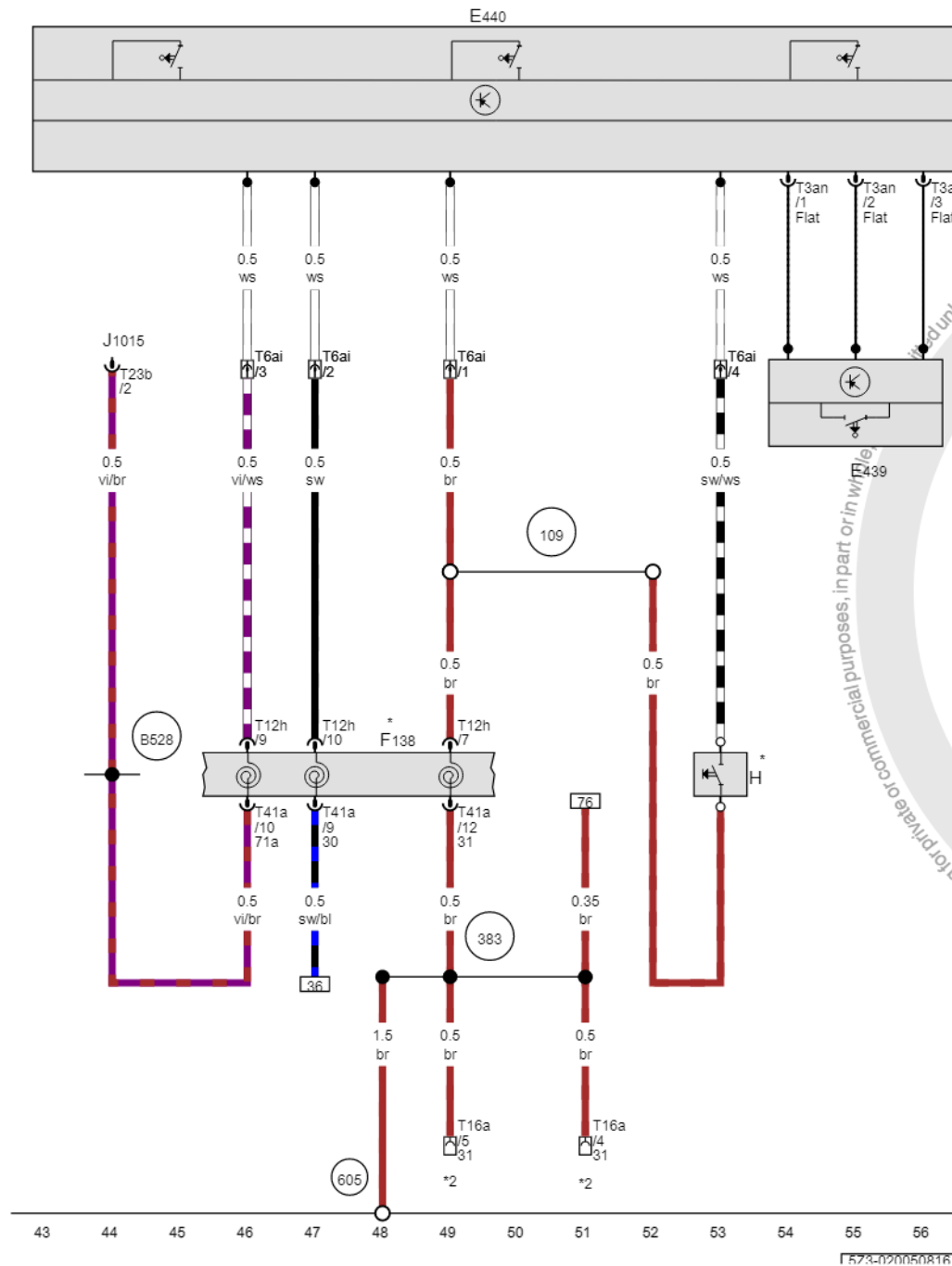
# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA21 Fuse 21 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

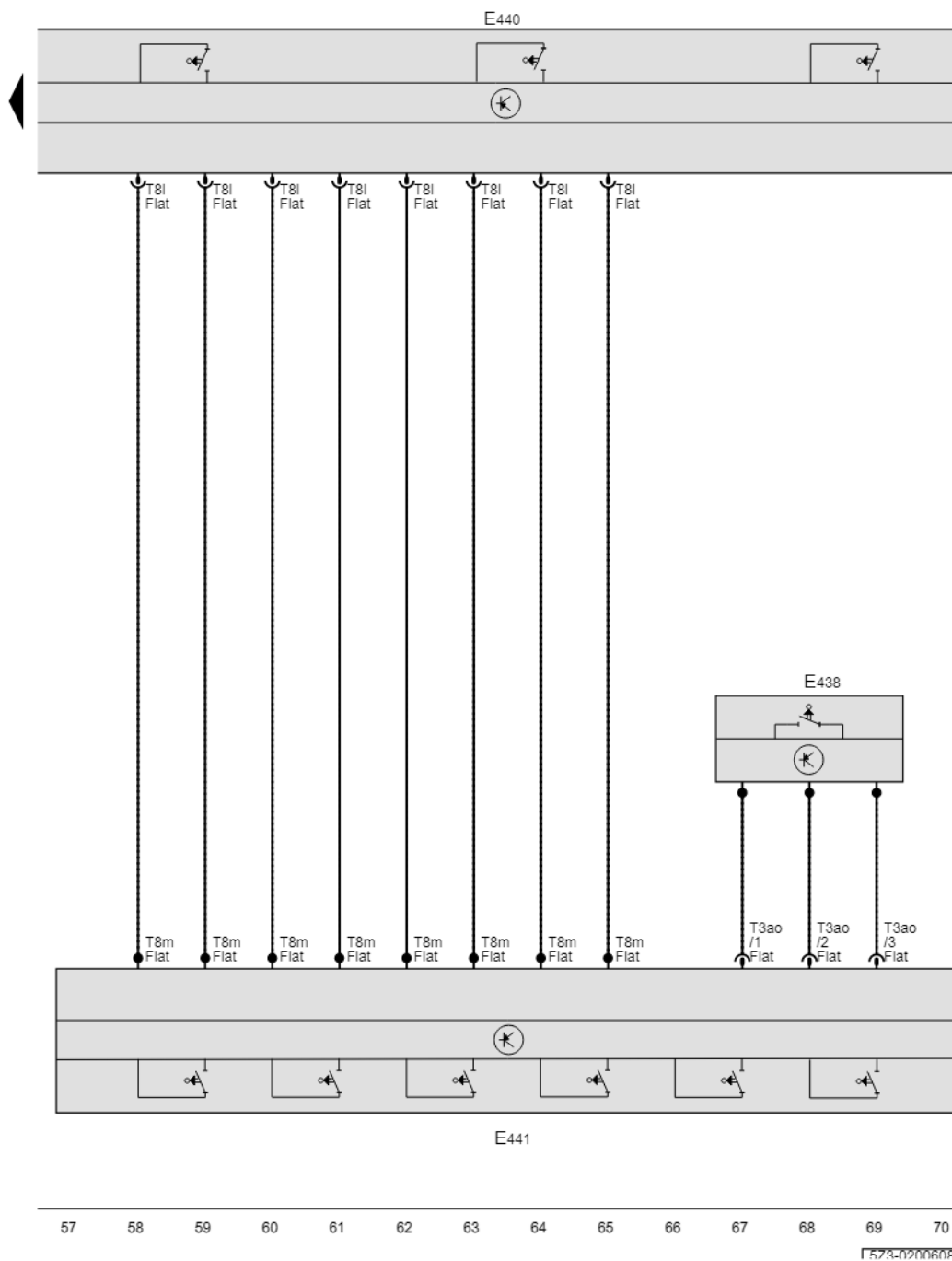
Tiptronic switch in steering wheel to shift down, Multifunction buttons on left in steering wheel, Airbag coil connector and return ring with slip ring, Horn plate



- E439 Tiptronic switch in steering wheel to shift down
- E440 Multifunction buttons on left in steering wheel
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J1015 Central control unit for window regulators
- T3an 3-pin connector
- T6ai 6-pin connector, in steering wheel
- T12h 12-pin connector
- T16a 16-pin connector
- T23b 23-pin connector
- T41a 41-pin connector

- 109 Earth connection, in airbag wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B528 Connection 1 (LIN bus) in main wiring harness
- \* Only models with operating unit for radio
- \*2 Diagnostic connection

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



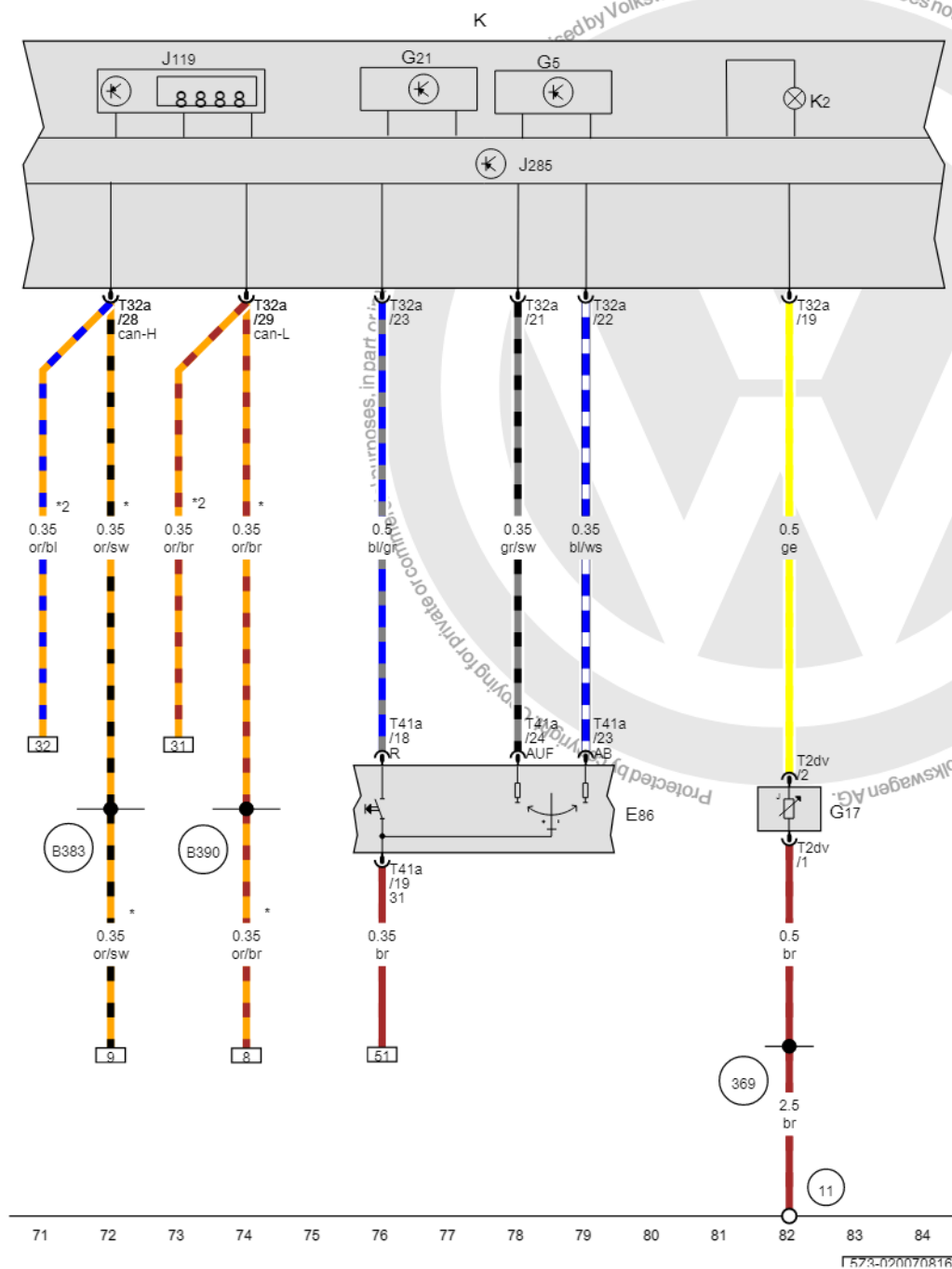
Tiptronic switch in steering wheel to shift up, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel

- E438 Tiptronic switch in steering wheel to shift up
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- T3ao 3-pin connector
- T8l 8-pin connector
- T8m 8-pin connector

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Multifunction display call-up button, Rev. counter, Ambient temperature sensor, Speedometer, Multifunction indicator, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- E86 Multifunction display call-up button
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T2dv 2-pin connector
- T32a 32-pin connector
- T41a 41-pin connector
- 11 Earth point, in battery box
- 369 Earth connection 4, in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



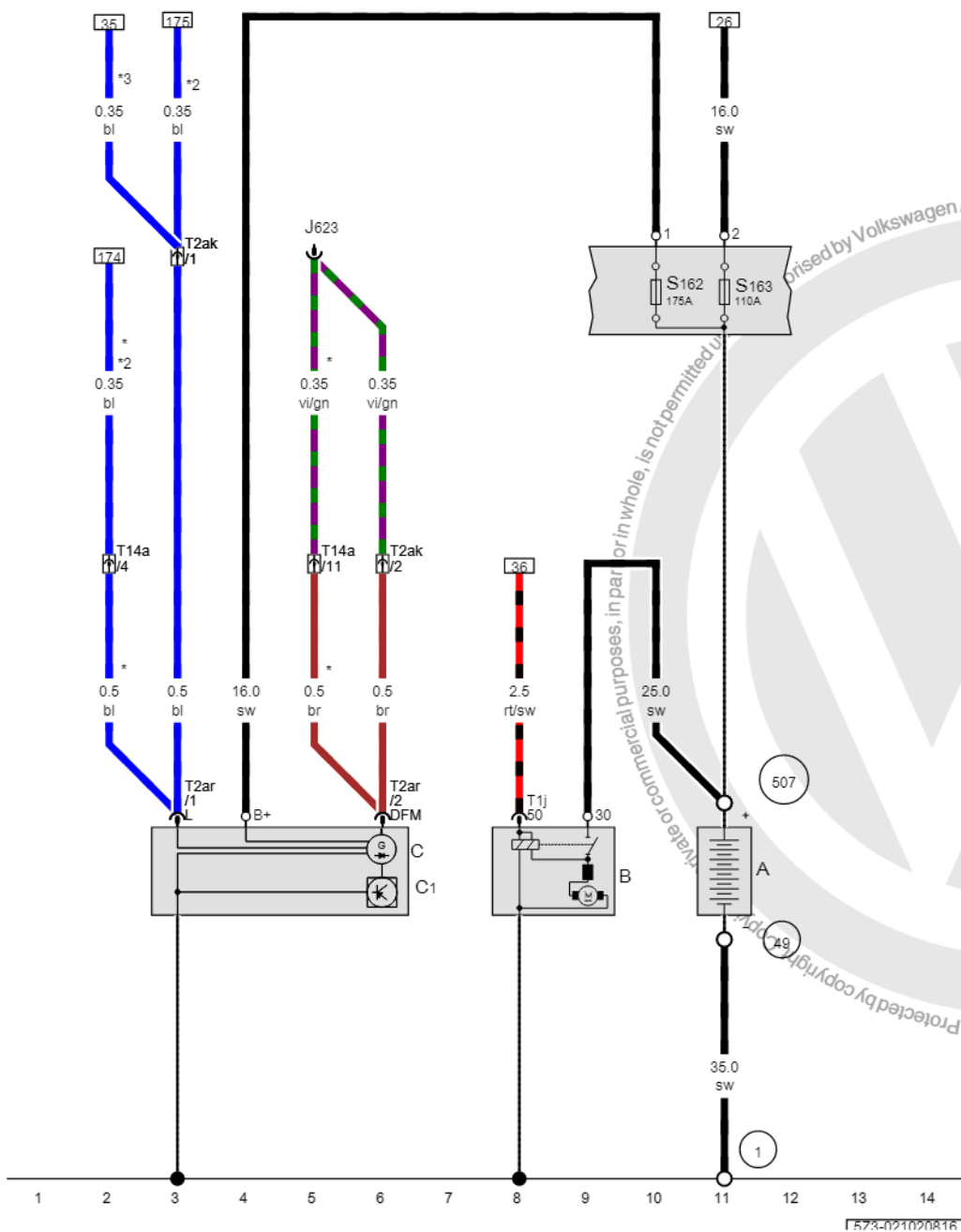


## Central locking

From April 2013



Battery, Starter, Alternator, Voltage regulator

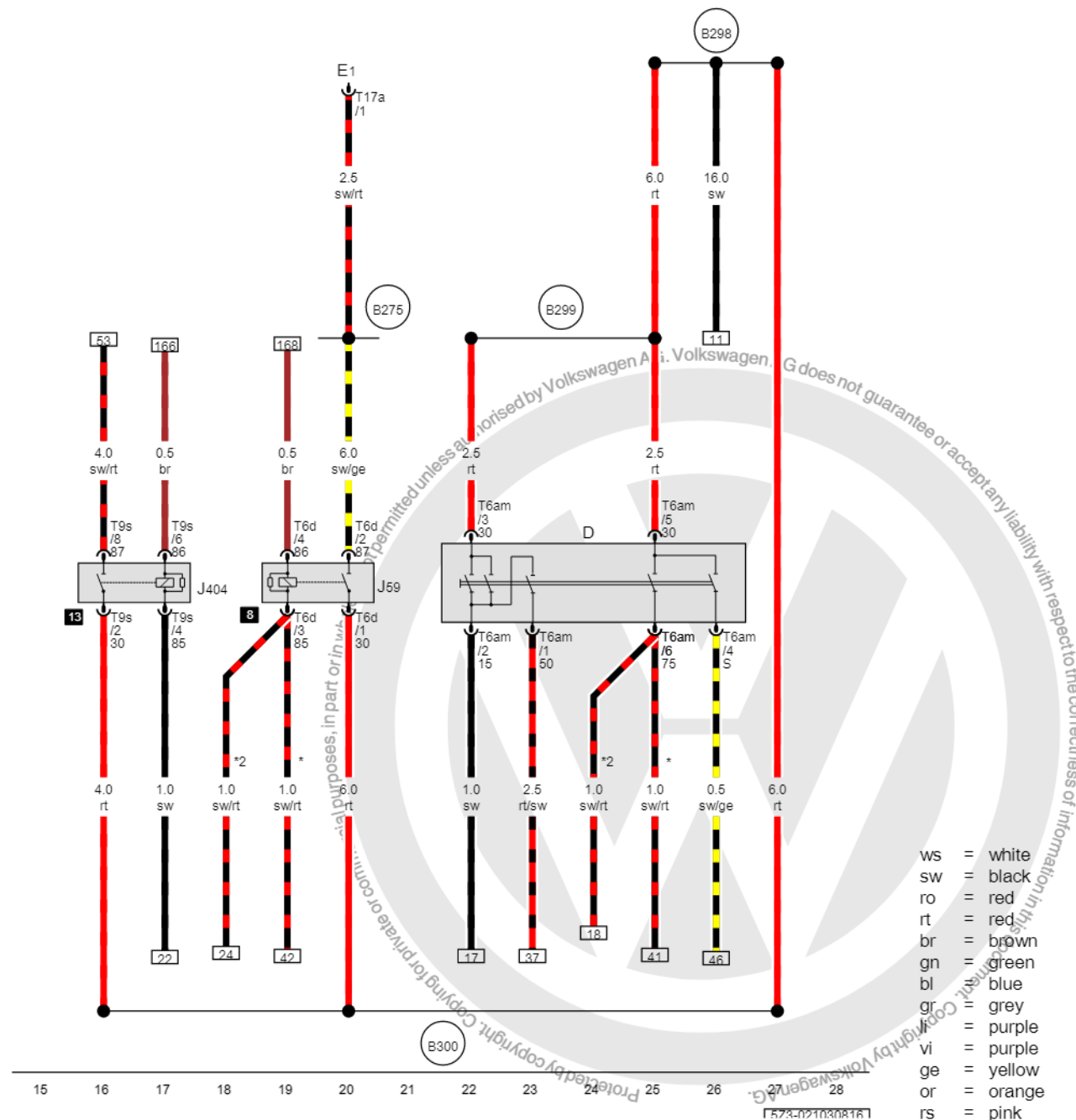


- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- T1j Single connector
- T2ak 2-pin connector, in engine compartment
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with BlueMotion equipment
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM

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 ge = yellow  
 or = orange  
 rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



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- br = brown
- gn = green
- bl = blue
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit

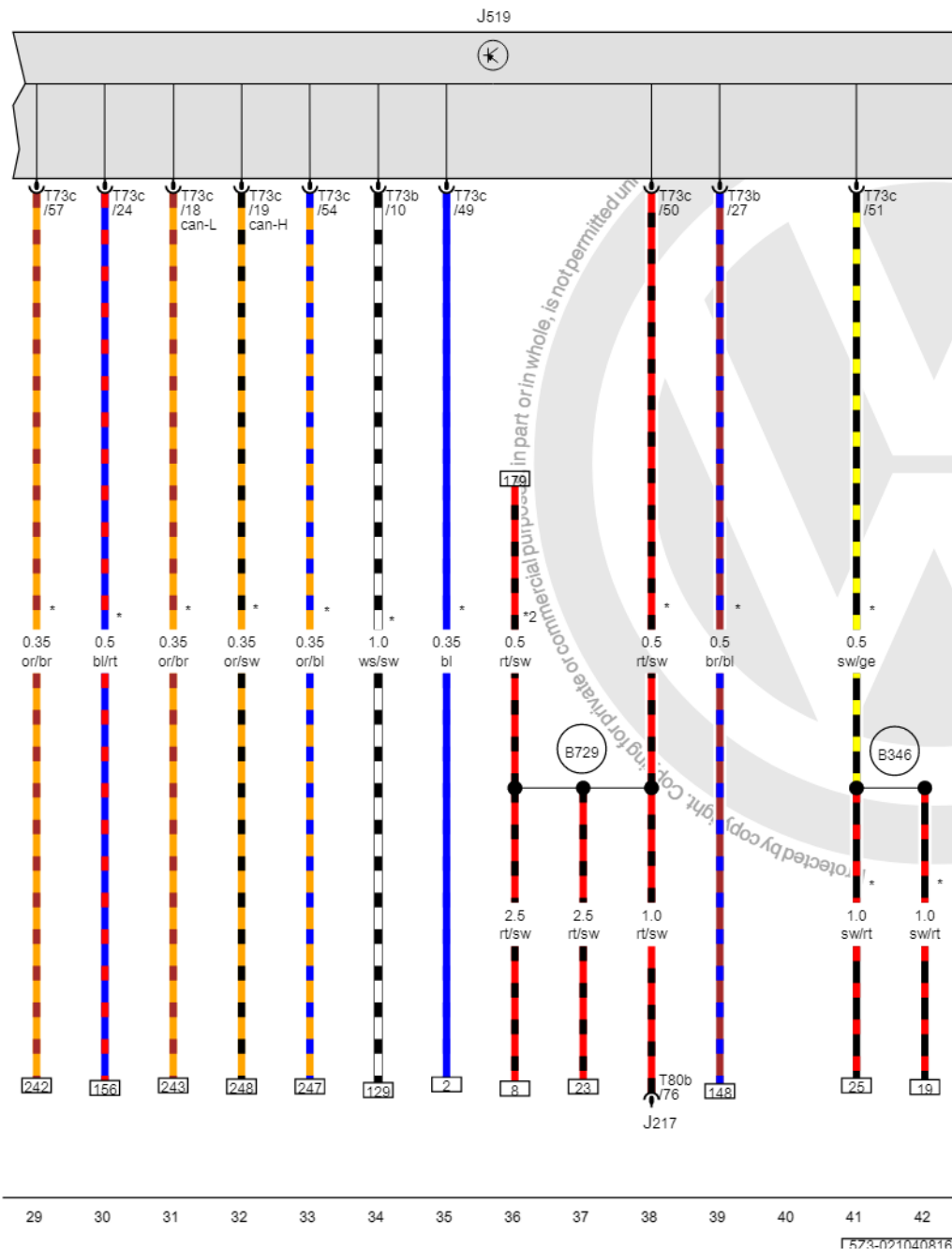
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- T80b 80-pin connector

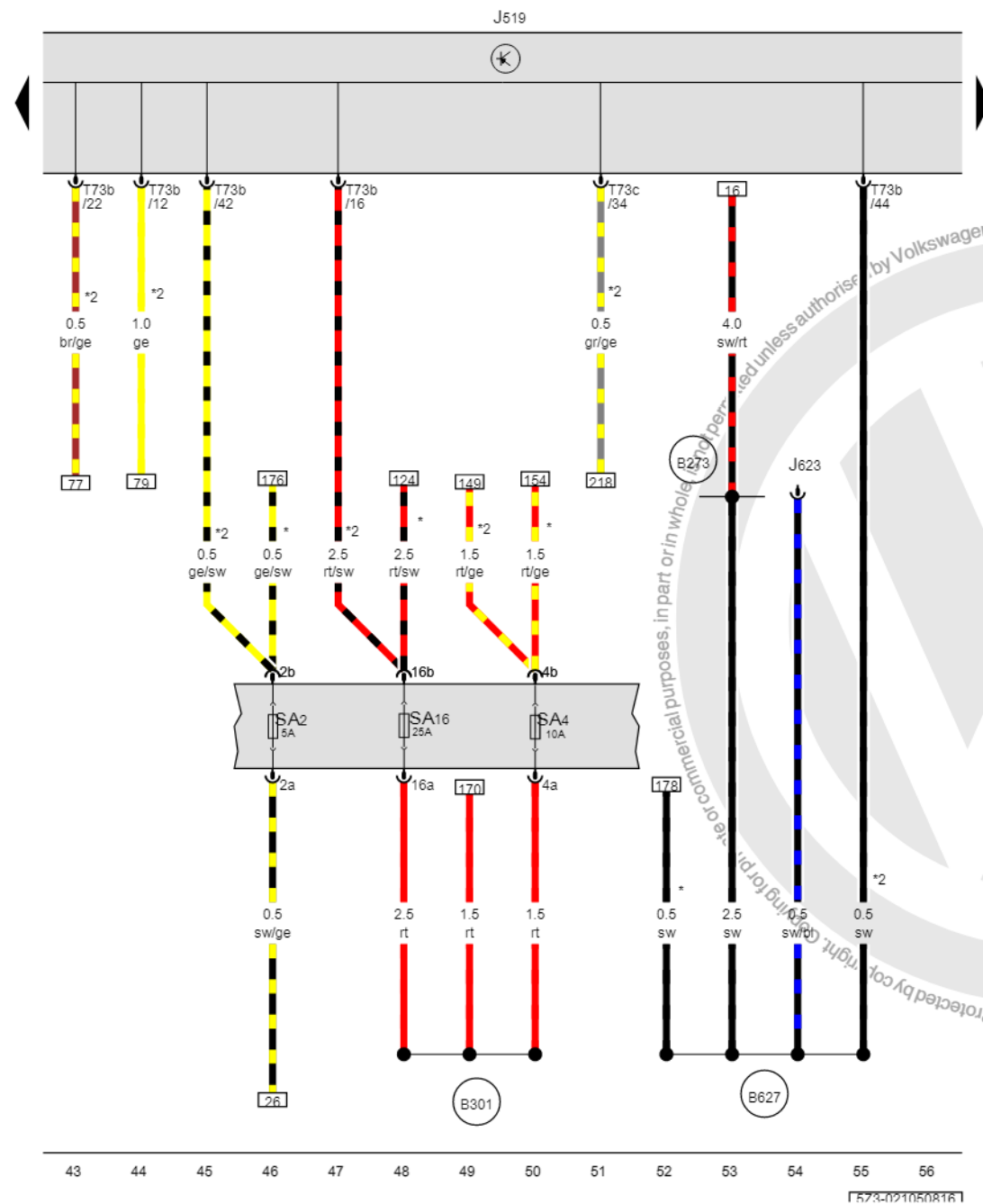
B346 Connection 1 (75), in main wiring harness

B729 Connection 1 (50), in main wiring harness

\* Only models with onboard supply control unit BCM

\*2 Only models with onboard supply control unit BFM





# Onboard supply control unit

- J519 Onboard supply control unit
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SA16 Fuse 16 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector

- B273 Positive connection (15), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

- ws = white
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

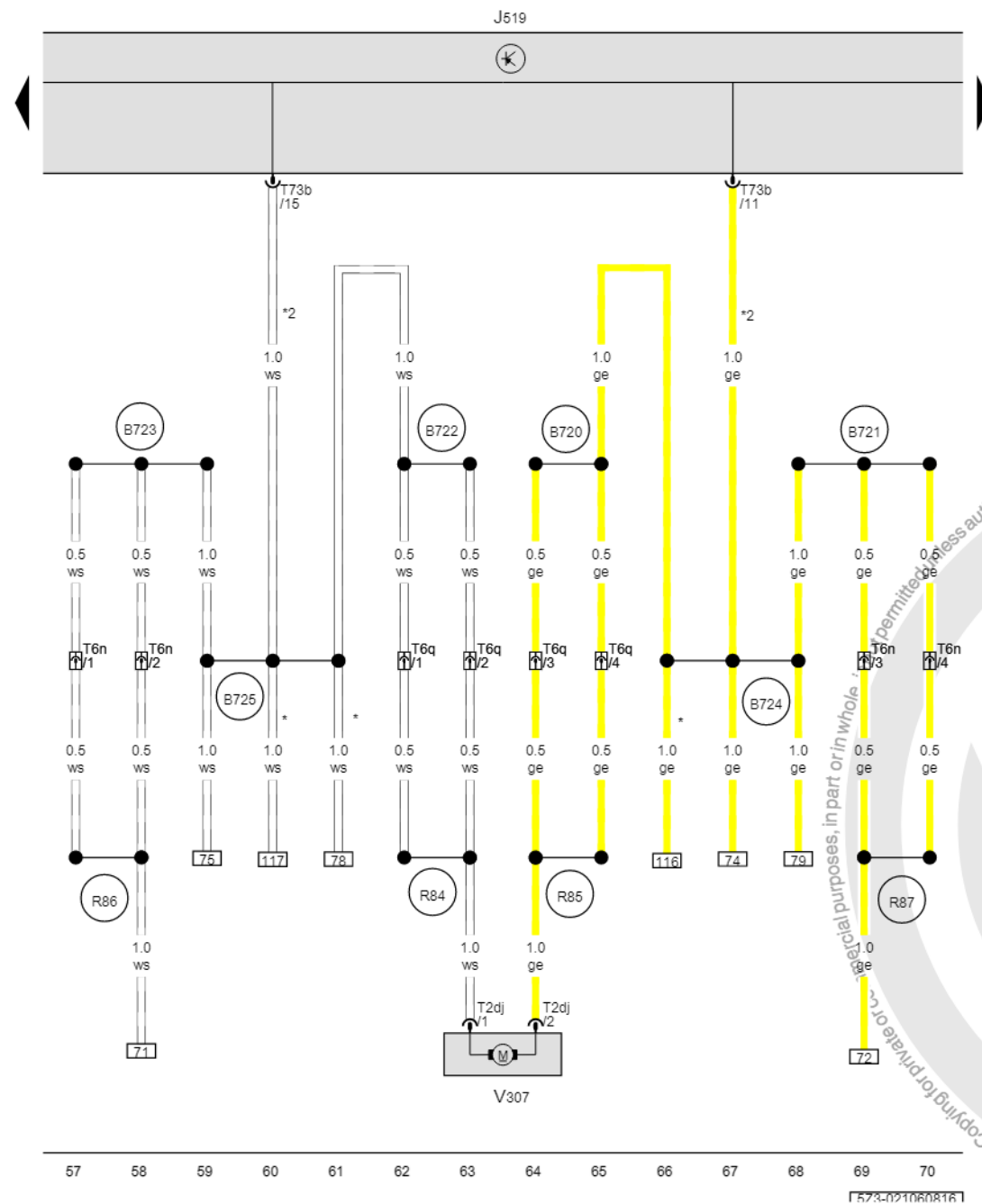
Onboard supply control unit, Rear left power latching motor

- J519 Onboard supply control unit
- T2dj 2-pin connector
- T6n 6-pin connector, in rear right door
- T6q 6-pin connector, in rear left door
- T73b 73-pin connector
- V307 Rear left power latching motor

- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- B722 Connection 3 (central locking), in main wiring harness
- B723 Connection 4 (central locking), in main wiring harness
- B724 Connection (central locking unlocked), in main wiring harness
- B725 Connection (central locking locked), in main wiring harness
- R84 Connection 1 (central locking), in rear left door wiring harness
- R85 Connection 2 (central locking), in rear left door wiring harness
- R86 Connection 1 (central locking), in rear right door wiring harness
- R87 Connection 2 (central locking), in rear right door wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

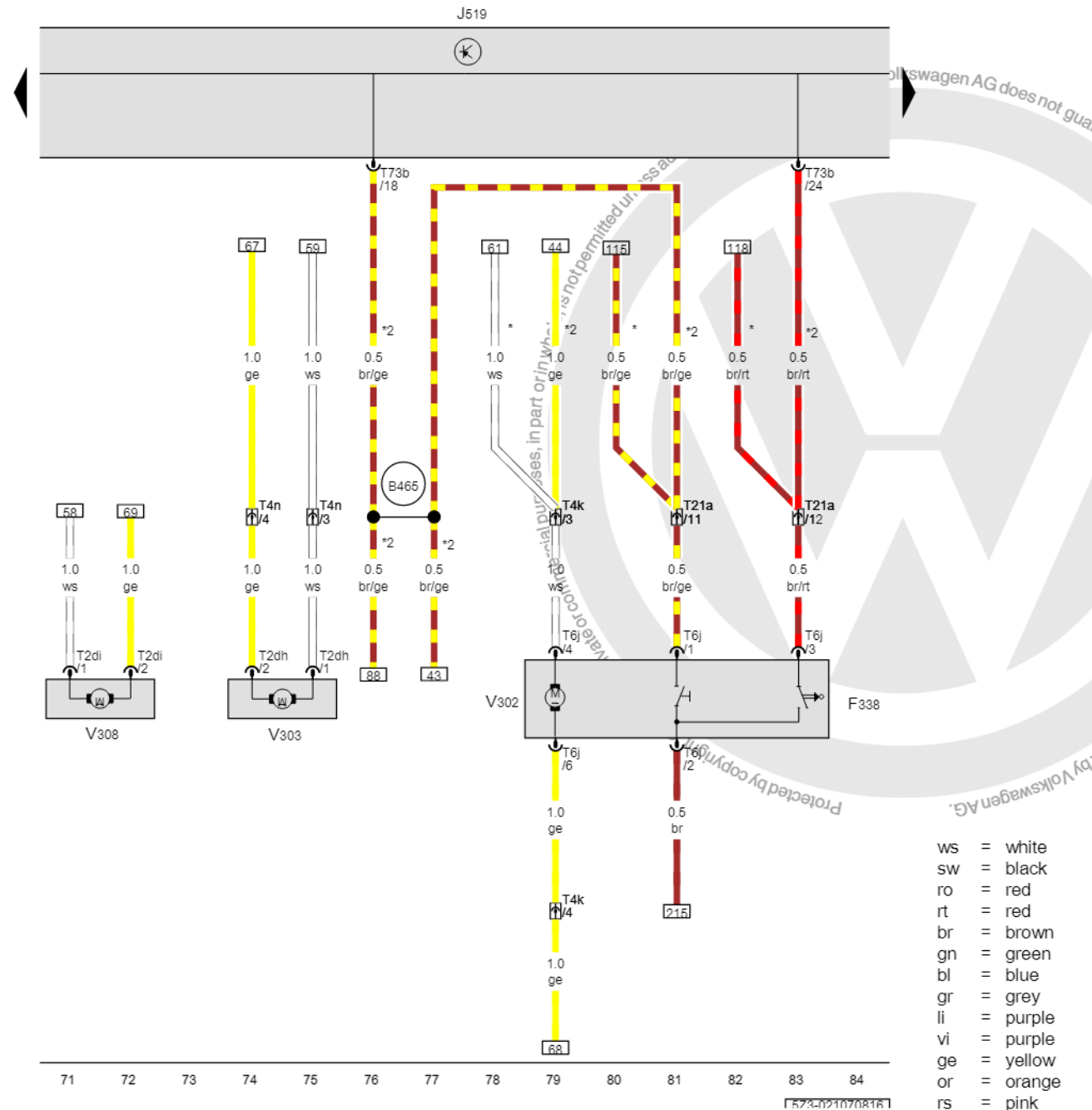


Driver door power latching system contact switch, Onboard supply control unit, Driver door power latching motor, Front passenger door power latching motor, Rear right power latching motor

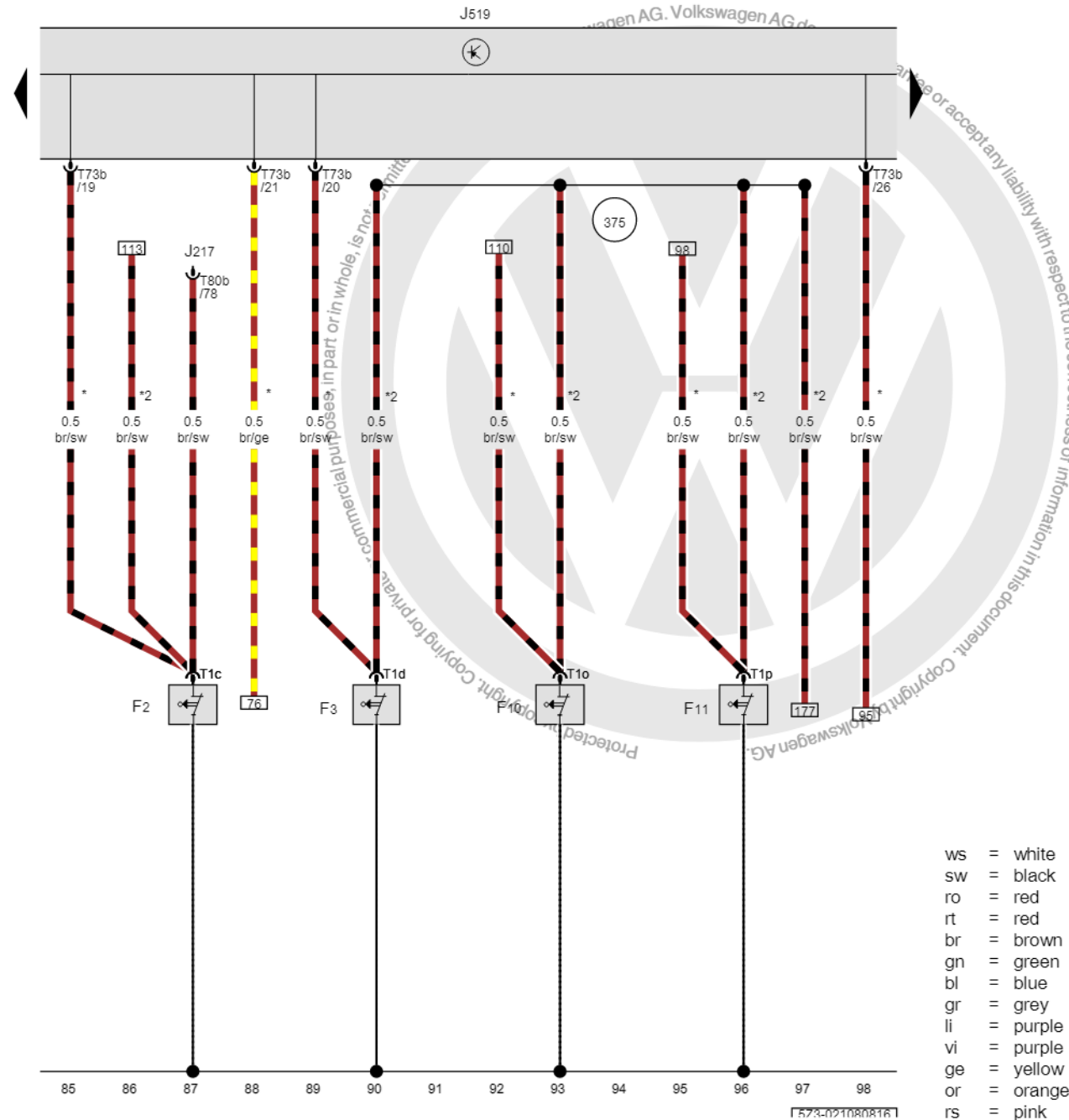
- F338 Driver door power latching system contact switch
- J519 Onboard supply control unit
- T2dh 2-pin connector
- T2di 2-pin connector
- T4k 4-pin connector, in driver door
- T4n 4-pin connector, in front right door
- T6j 6-pin connector
- T21a 21-pin connector, in driver door
- T73b 73-pin connector
- V302 Driver door power latching motor
- V303 Front passenger door power latching motor
- V308 Rear right power latching motor

B465 Connection 1, in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM



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- ge = yellow
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- rs = pink



Driver door contact switch, Front passenger door contact switch, Rear left door contact switch, Rear right door contact switch, Onboard supply control unit

- |      |                                     |
|------|-------------------------------------|
| F2   | Driver door contact switch          |
| F3   | Front passenger door contact switch |
| F10  | Rear left door contact switch       |
| F11  | Rear right door contact switch      |
| T217 | Automatic gearbox control unit      |
| J519 | Onboard supply control unit         |
| T1c  | Single connector                    |
| T1d  | Single connector                    |
| T1o  | Single connector                    |
| T1p  | Single connector                    |
| T73b | 73-pin connector                    |
| T80b | 80-pin connector                    |

(375) Earth connection 10, in main wiring harness

\* Only models with onboard supply control unit BCM

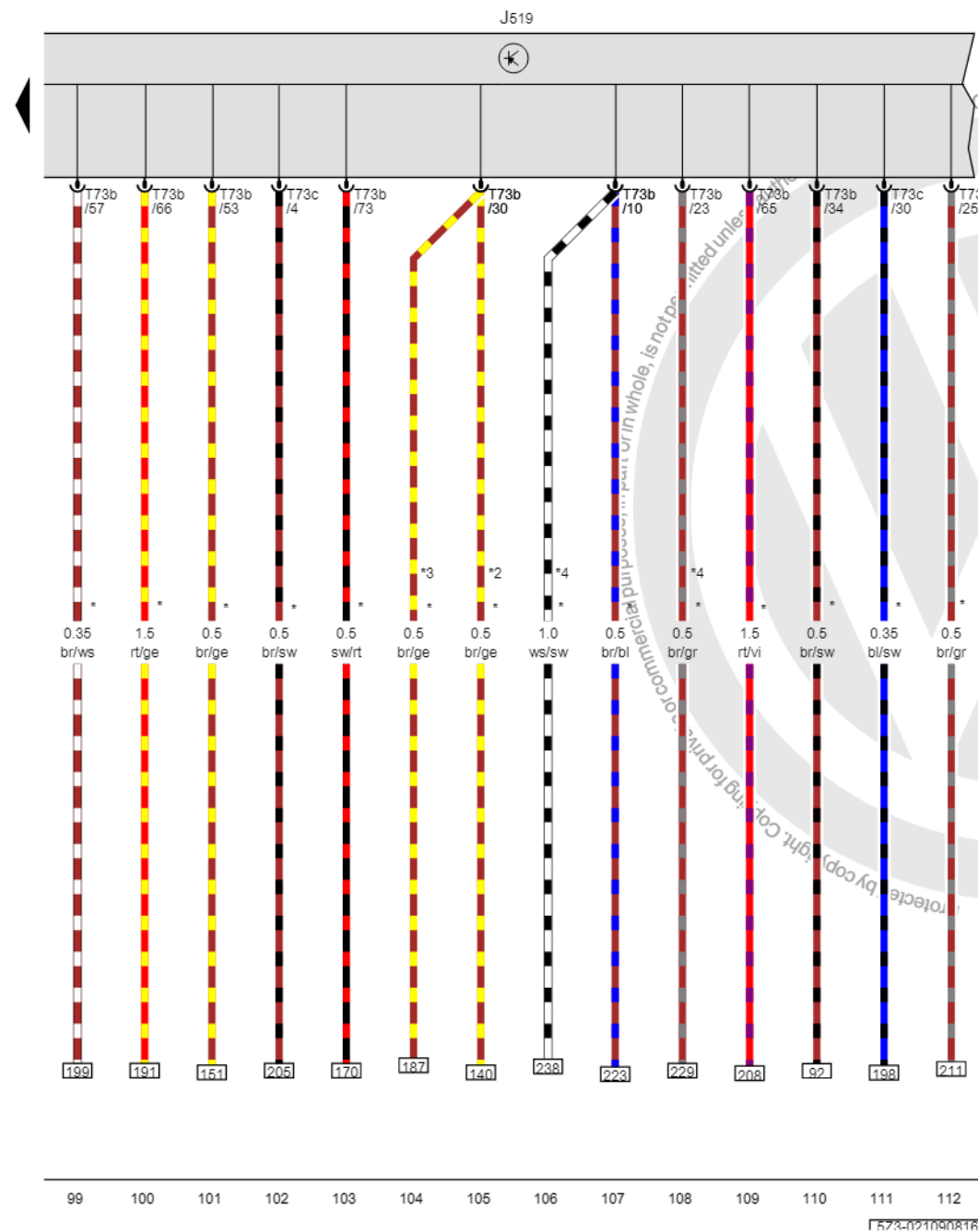
\*2 Only models with onboard supply control unit BFM

ws = white  
sw = black  
ro = red  
rt = red  
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vi = purple  
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rs = pink



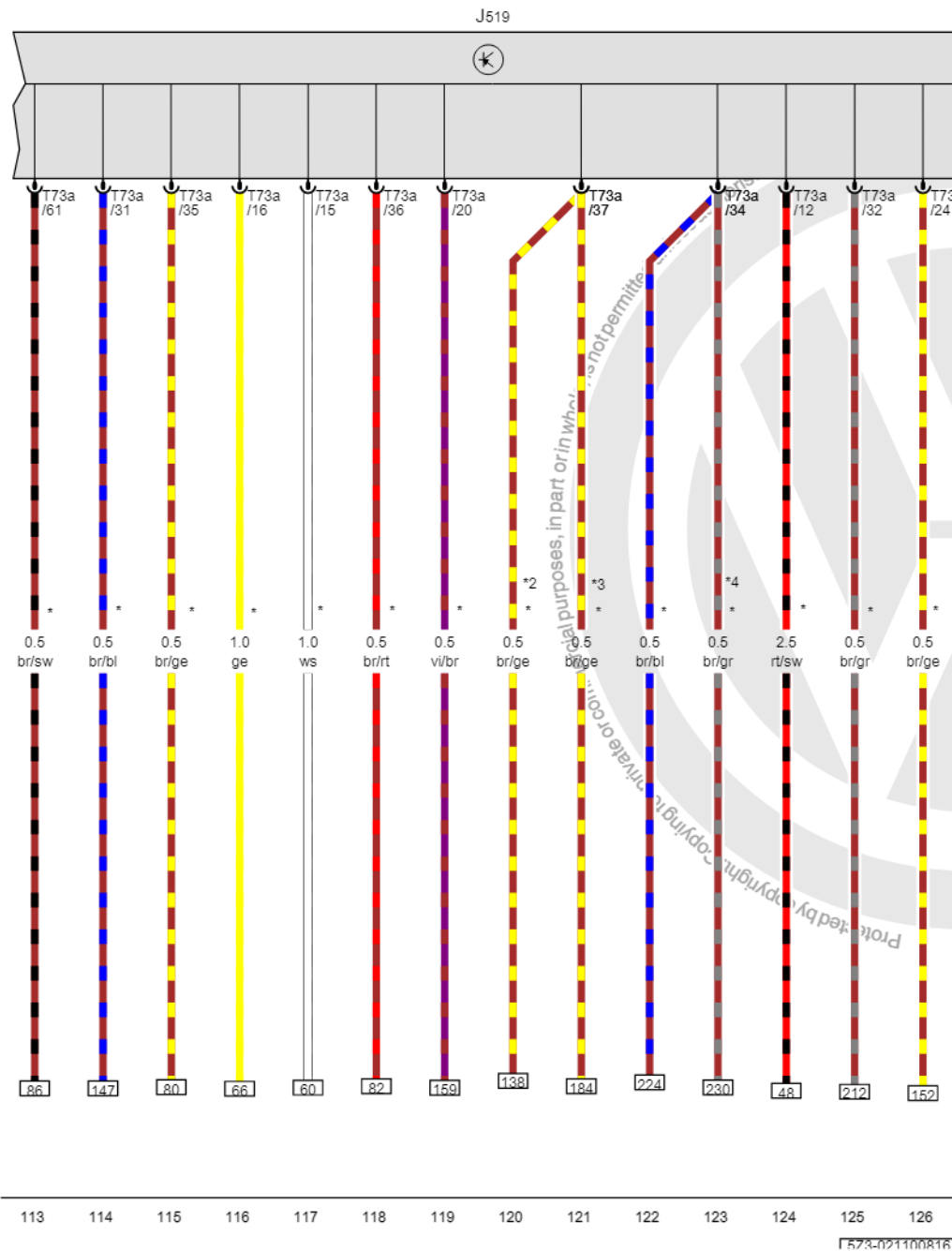
Onboard supply control unit

- J519 Onboard supply control unit
- T73b 73-pin connector
- T73c 73-pin connector
- \* Only models with onboard supply control unit BCM
- \*2 Only models with 2-doors
- \*3 Only models with 4-doors
- \*4 Only CROSS models

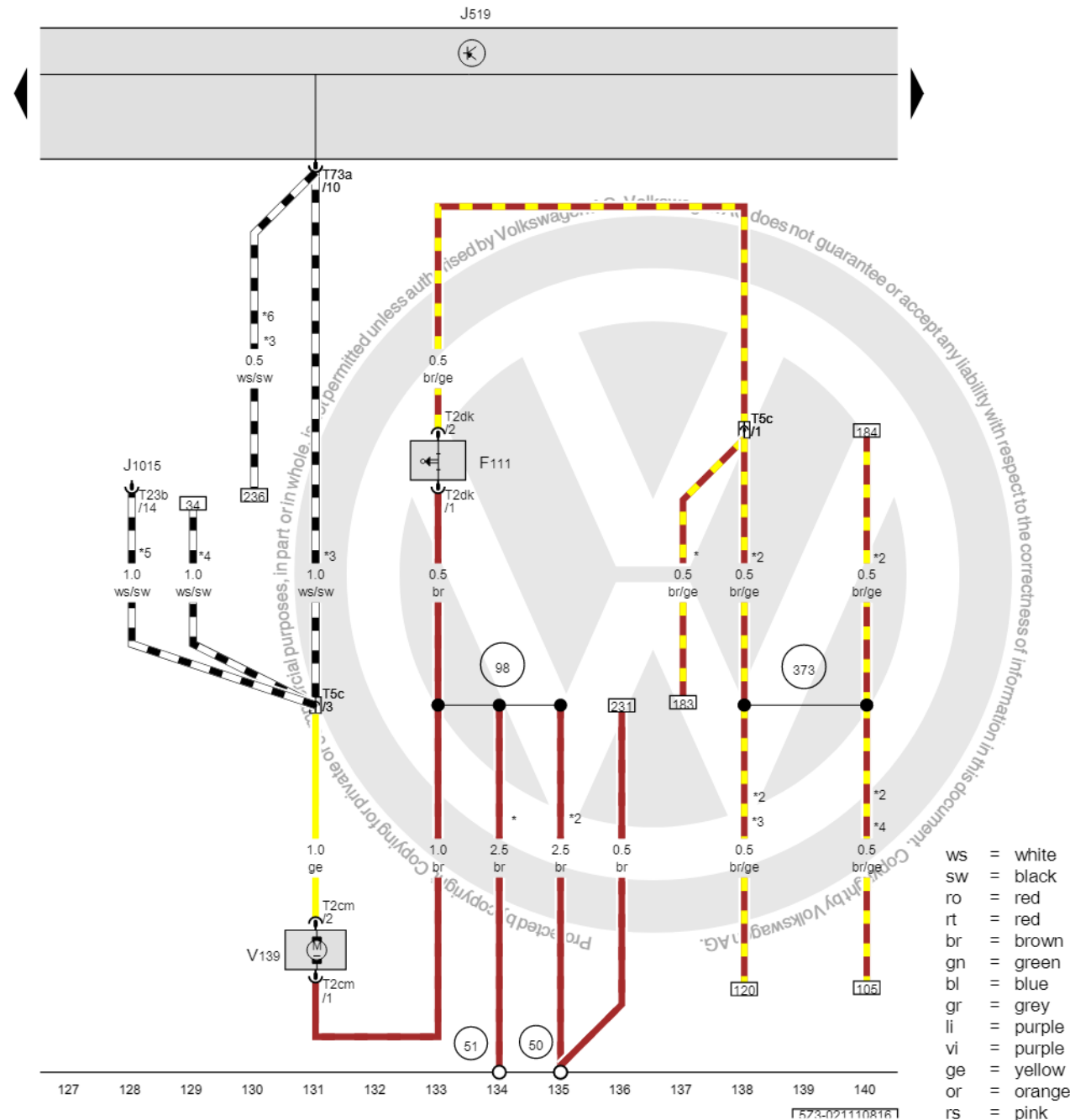


Onboard supply control unit

- J519 Onboard supply control unit  
T73a 73-pin connector  
\* Only models with onboard supply control unit BFM  
\*2 Only models with 2-doors  
\*3 Only models with 4-doors  
\*4 Only CROSS models



ws = white  
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gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink



Rear lid contact switch, Onboard supply control unit, Rear lid release motor

- F111 Rear lid contact switch
- J519 Onboard supply control unit
- J1015 Central control unit for window regulators
- T2cm 2-pin connector
- T2dk 2-pin connector
- T5c 5-pin connector, behind rear left side trim, near wheel arch
- T23b 23-pin connector
- T73a 73-pin connector
- V139 Rear lid release motor

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 98 Earth connection, in rear lid wiring harness
- 373 Earth connection 8, in main wiring harness

- \* Only models with 4-doors
- \*2 Only models with 2-doors
- \*3 Only models with onboard supply control unit BFM
- \*4 Only models with onboard supply control unit BCM
- \*5 Only models with electric rear lid opener
- \*6 Only CROSS models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Anti-theft alarm and vermin repellent system contact switch, Horn or dual tone horn, Onboard supply control unit, Alarm horn relay

- F120 Anti-theft alarm and vermin repellent system contact switch
- H1 Horn or dual tone horn
- J519 Onboard supply control unit
- J641 Alarm horn relay
- T2ab 2-pin connector
- T2z 2-pin connector
- T10l 10-pin connector

13 Earth point, on right in engine compartment

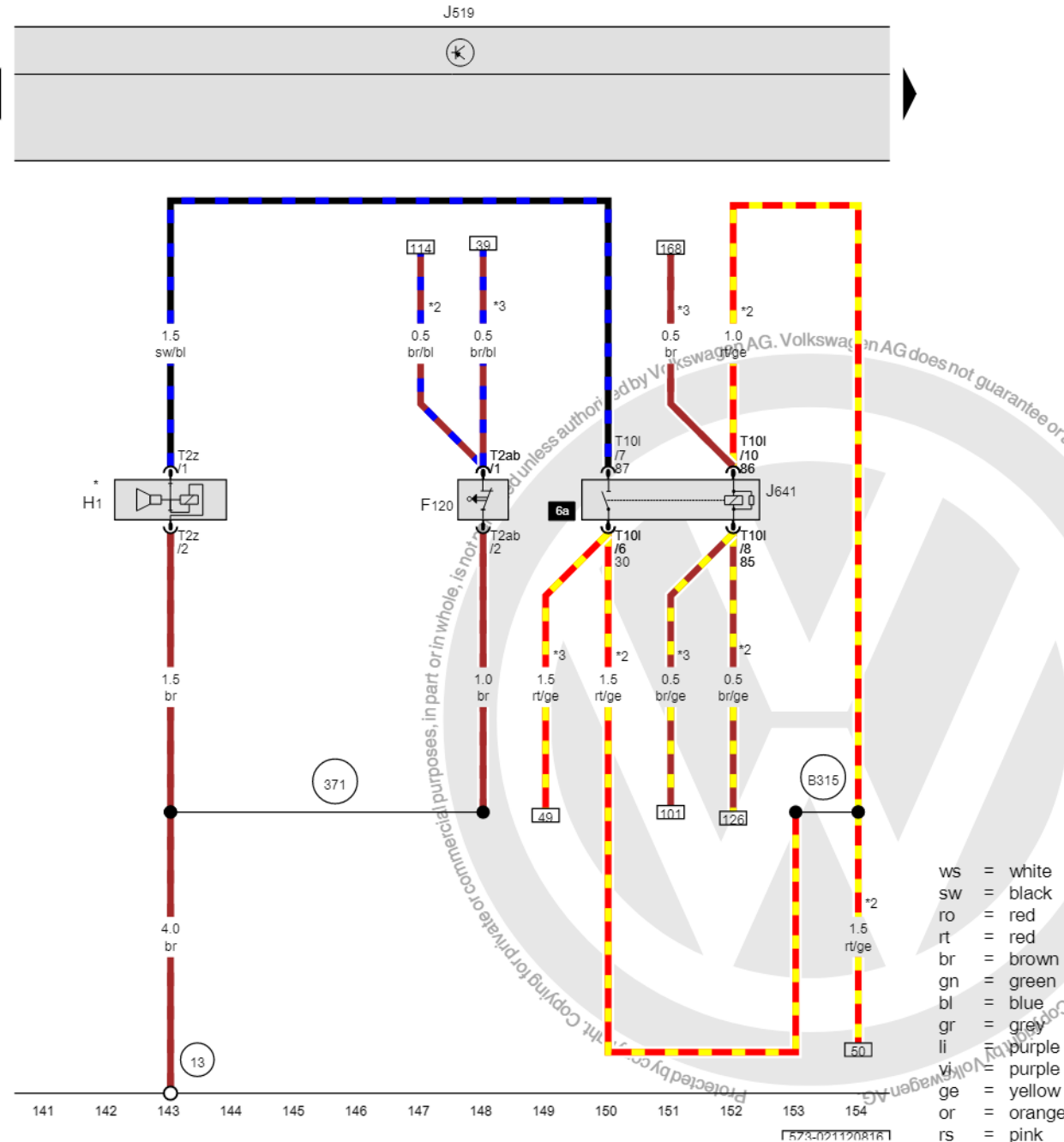
371 Earth connection 6, in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

\* For models with anti-theft alarm system

\*2 Only models with onboard supply control unit BFM

\*3 Only models with onboard supply control unit BCM



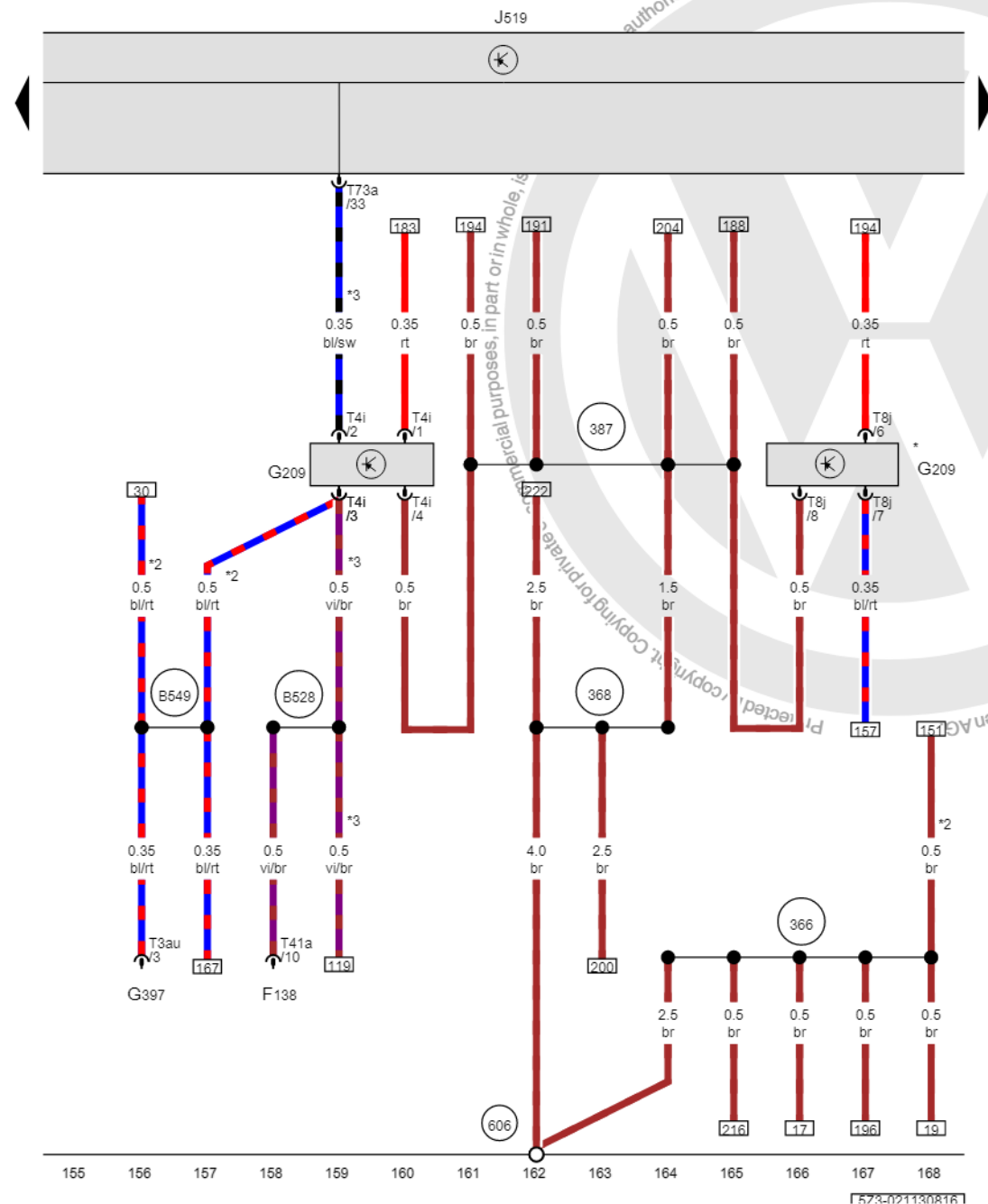
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Anti-theft alarm ultrasonic sensor, Onboard supply control unit

- F138 Airbag coil connector and return ring with slip ring
- G209 Anti-theft alarm ultrasonic sensor
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3au 3-pin connector
- T4i 4-pin connector
- T8j 8-pin connector
- T41a 41-pin connector
- T73a 73-pin connector

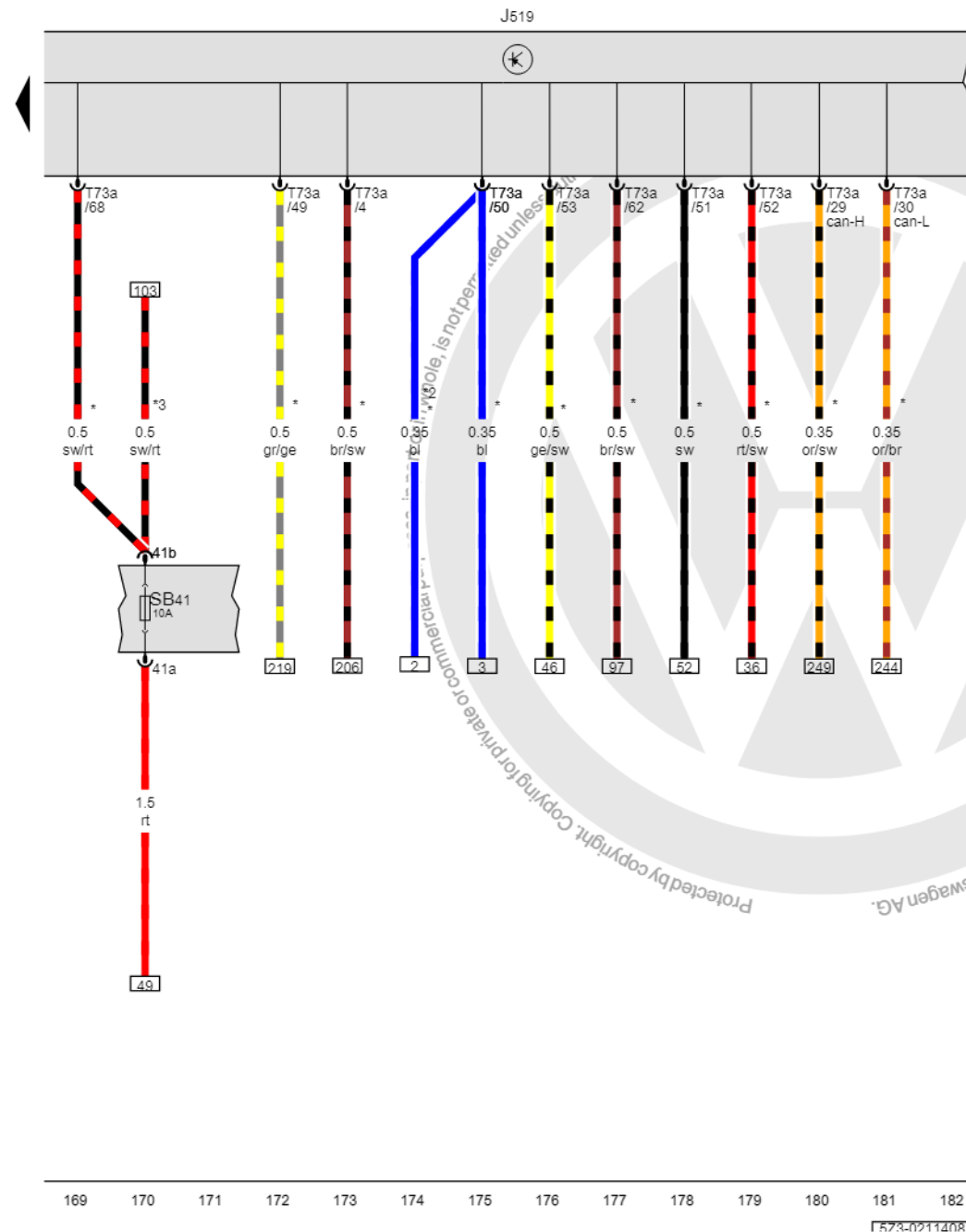
- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B528 Connection 1 (LIN bus) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- \* Only models with panoramic sliding sunroof
- \*2 Only models with onboard supply control unit BCM
- \*3 Only models with onboard supply control unit BFM

- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Onboard supply control unit

- J519 Onboard supply control unit  
 SB41 Fuse 41 on fuse holder B  
 T73a 73-pin connector  
 \* Only models with onboard supply control unit BFM  
 \*2 Only models with BlueMotion equipment  
 \*3 Only models with onboard supply control unit BCM



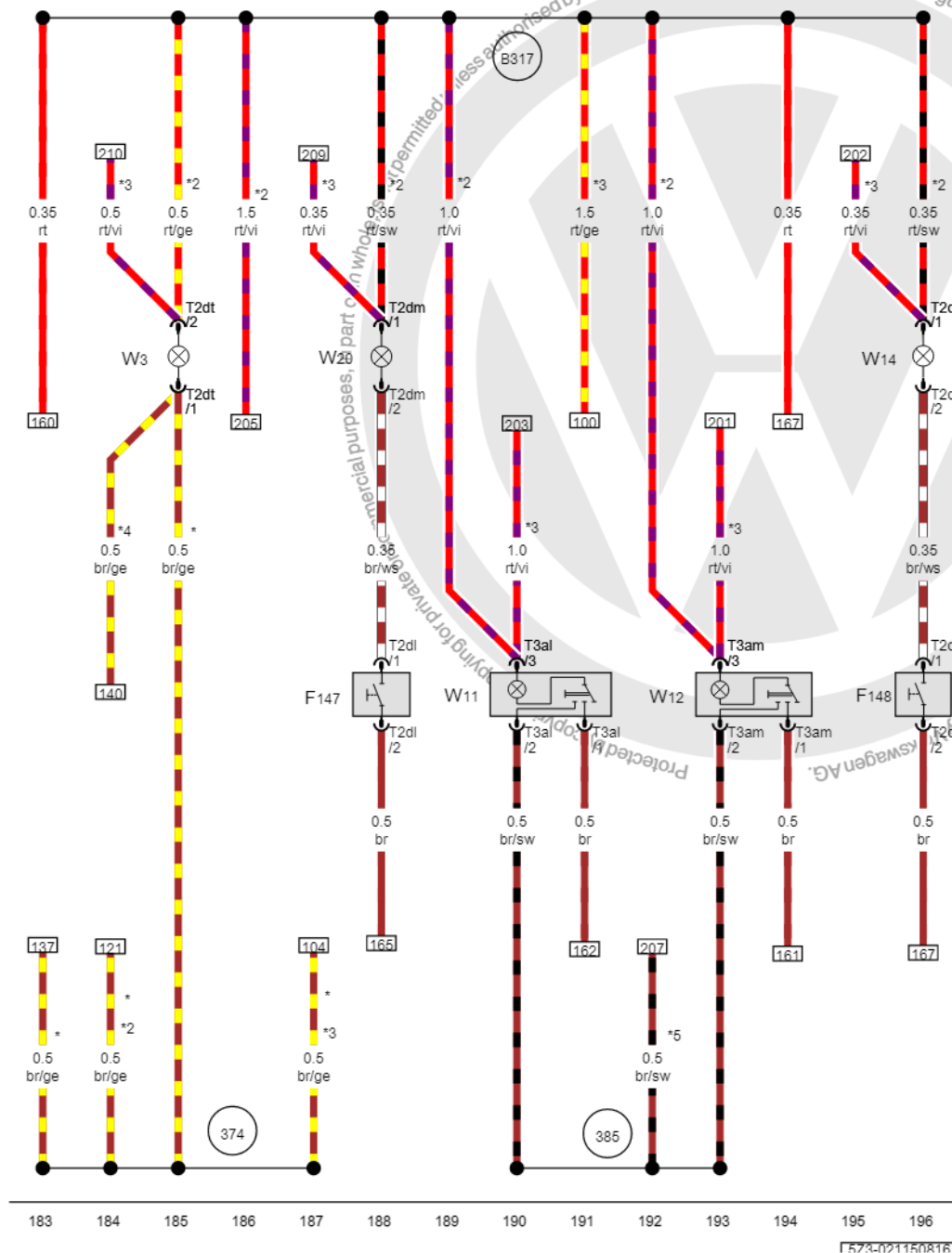
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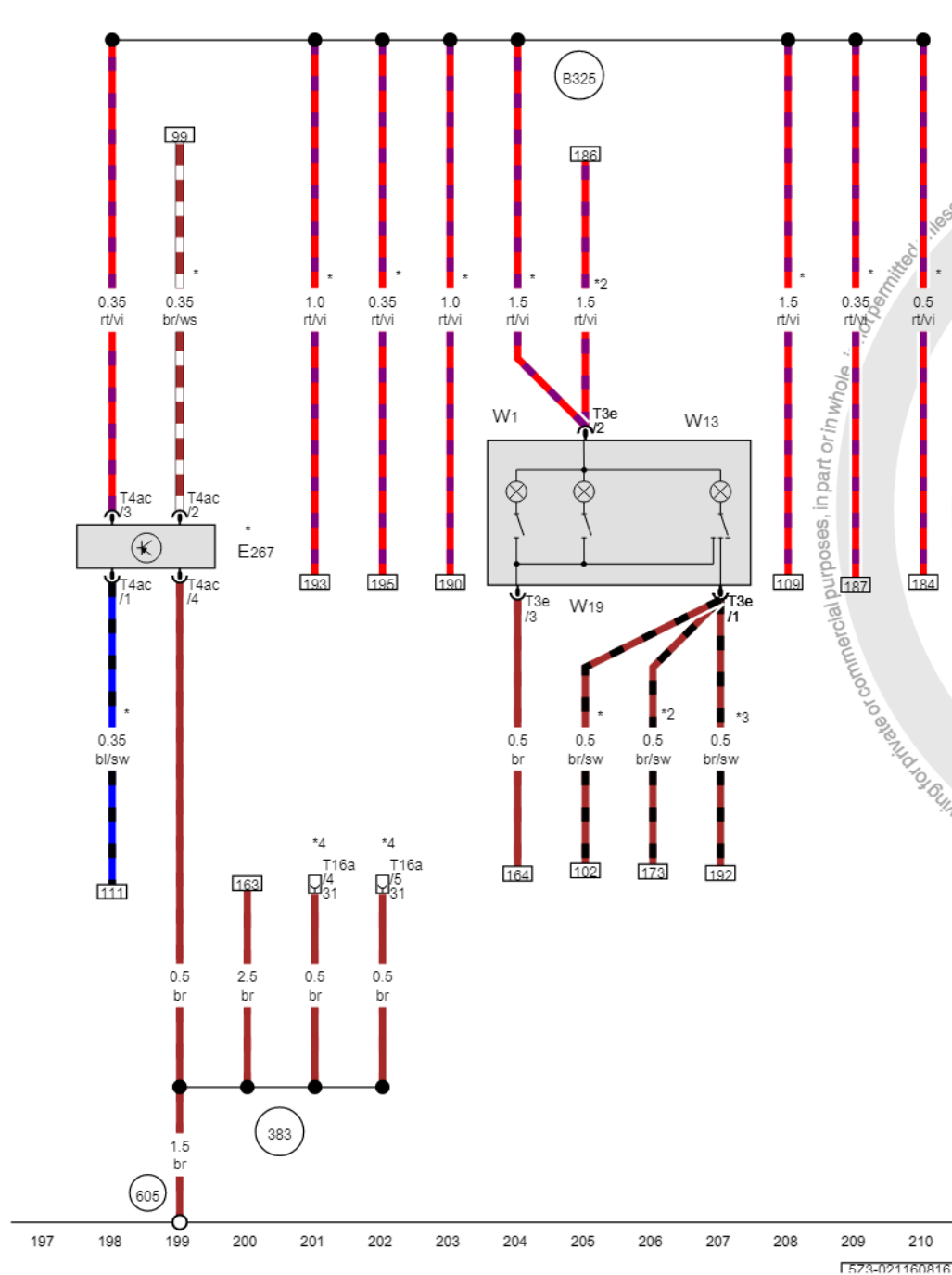
Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Luggage compartment light, Rear left reading light, Rear right reading light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- T2dl 2-pin connector
- T2dm 2-pin connector
- T2dn 2-pin connector
- T2do 2-pin connector
- T2dt 2-pin connector
- T3al 3-pin connector
- T3am 3-pin connector
- W3 Luggage compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 374 Earth connection 9, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- \* Only models with 4-doors
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM
- \*4 Only models with 2-doors
- \*5 Only models with rear reading lights

ws = white  
 sw = black  
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Interior monitoring deactivation switch, Front interior light, Front passenger reading light, Driver side reading light

- E267 Interior monitoring deactivation switch
- T3e 3-pin connector
- T4ac 4-pin connector
- T16a 16-pin connector
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- B325 Positive connection 11 (30a) in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with rear reading lights
- \*4 Diagnostic connection

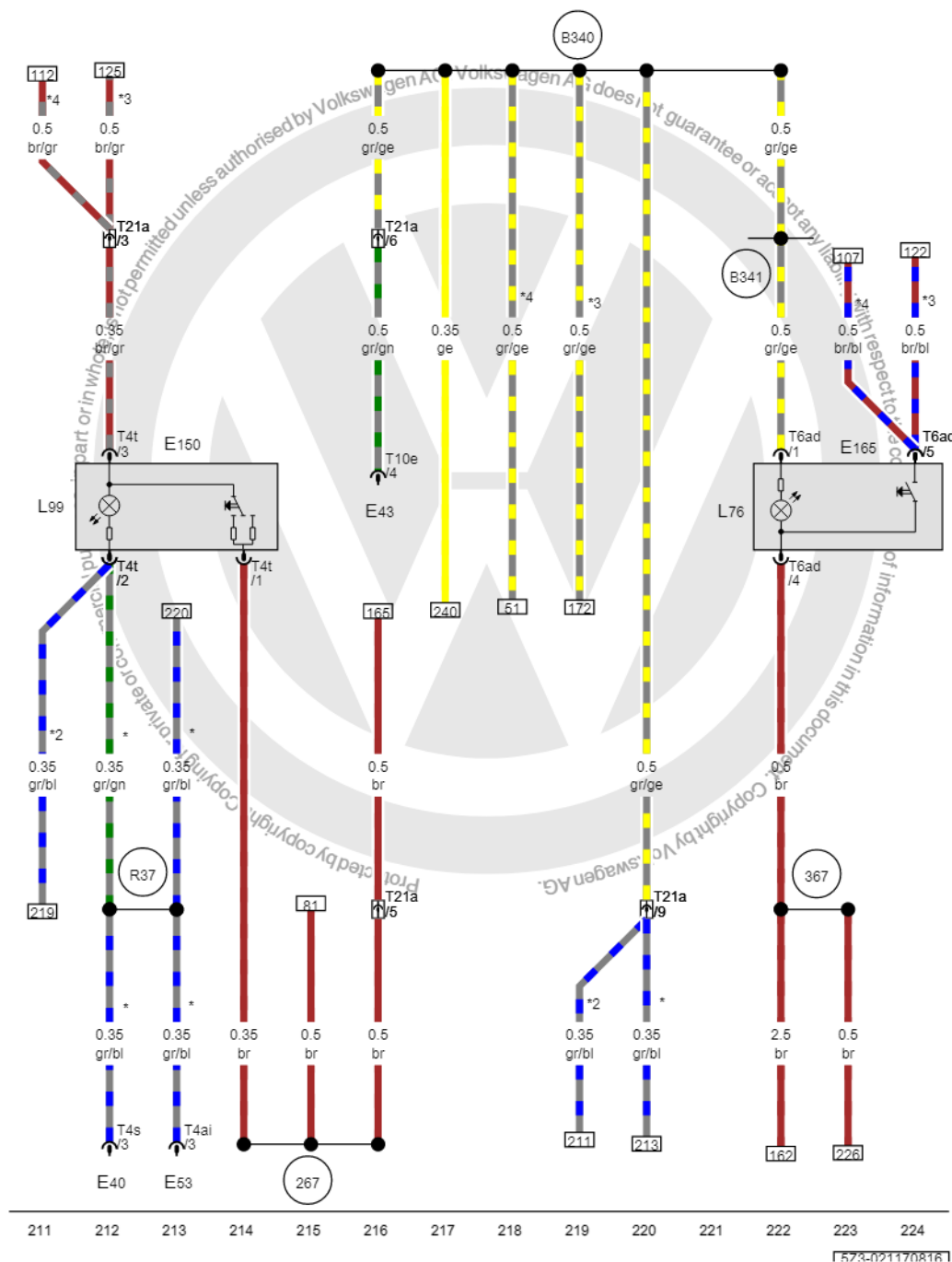
- ws = white
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Driver side interior locking switch, Rear lid release switch,  
Button illumination bulb, Interior lock switch illumination bulb

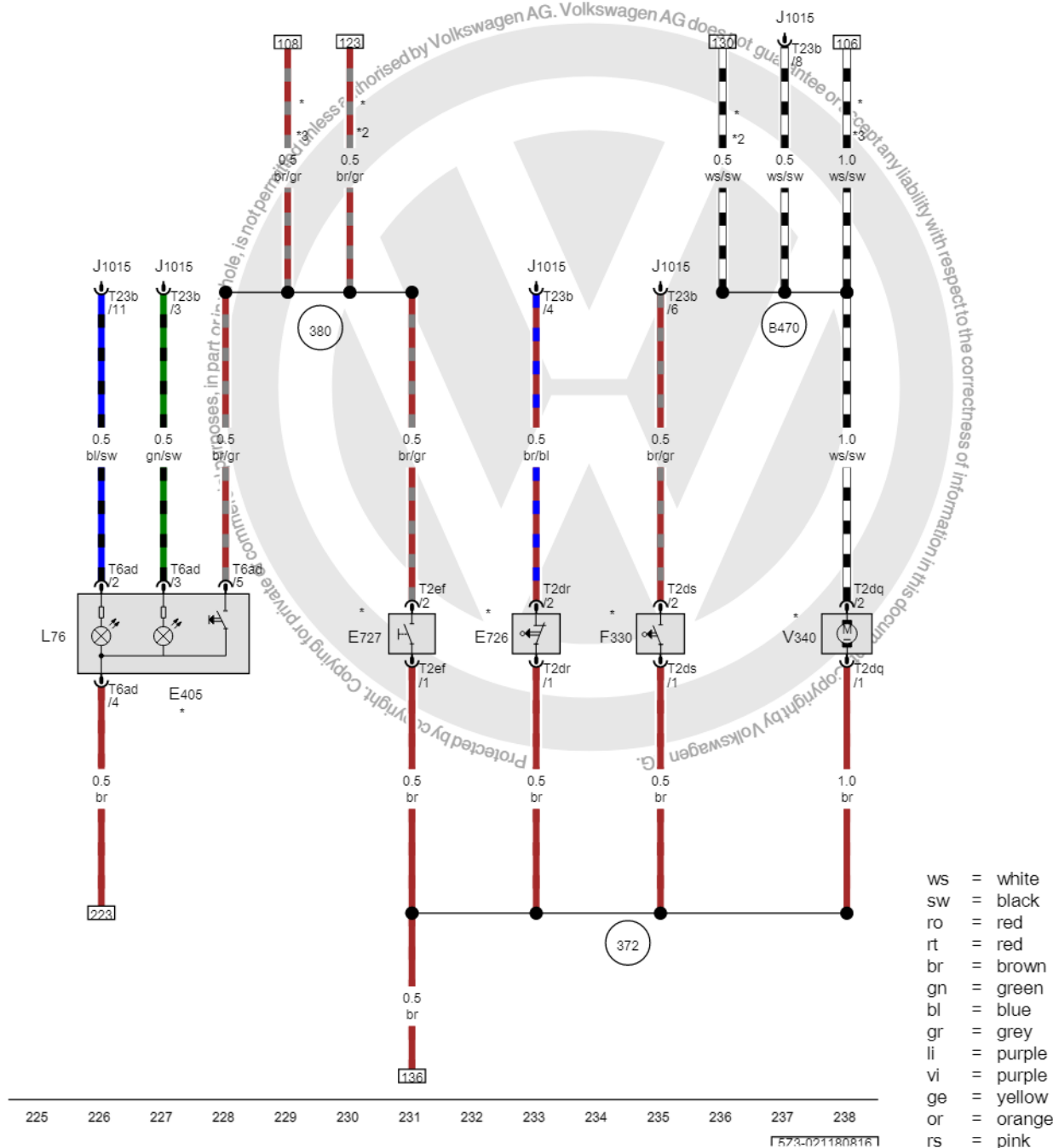
- E40 Front left window regulator switch
- E43 Mirror adjustment switch
- E53 Rear left window regulator switch, in driver door
- E150 Driver side interior locking switch
- E165 Rear lid release switch
- L76 Button illumination bulb
- L99 Interior lock switch illumination bulb
- T4ai 4-pin connector
- T4s 4-pin connector
- T4t 4-pin connector
- T6ad 6-pin connector
- T10e 10-pin connector
- T21a 21-pin connector, in driver door
- 267 Earth connection 2, in drive side door wiring harness
- 367 Earth connection 2, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- R37 Connection 1 (window regulator), in driver door wiring harness
- \* Only models with electric window regulators
- \*2 Only models with manual window regulators
- \*3 Only models with onboard supply control unit BFM
- \*4 Only models with onboard supply control unit BCM

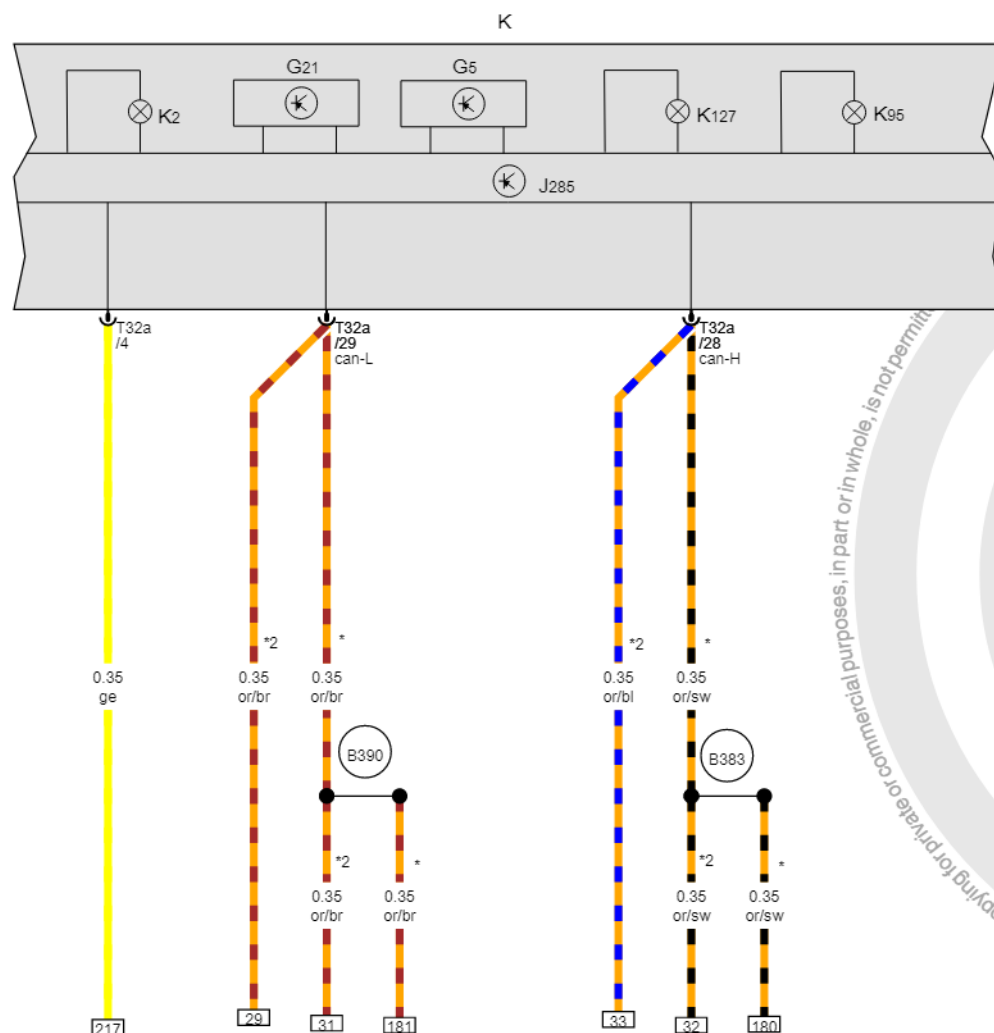
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vi = purple  
ge = yellow  
or = orange  
rs = pink



Spare wheel release button, Spare wheel release enable button, Spare wheel release switch, Open display limit switch, Button illumination bulb, Spare wheel lock motor

- E405 Spare wheel release button
- E726 Spare wheel release enable button
- E727 Spare wheel release switch
- F330 Open display limit switch
- J1015 Central control unit for window regulators
- L76 Button illumination bulb
- T2dq 2-pin connector
- T2dr 2-pin connector
- T2ds 2-pin connector
- T2ef 2-pin connector
- T6ad 6-pin connector
- T23b 23-pin connector
- V340 Spare wheel lock motor
- 372 Earth connection 7, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- B470 Connection 6, in main wiring harness
- \* Only CROSS models
- \*2 Only models with onboard supply control unit BFM
- \*3 Only models with onboard supply control unit BCM





Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Alarm system warning lamp, Rear lid open warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K95 Alarm system warning lamp
- K127 Rear lid open warning lamp
- T32a 32-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

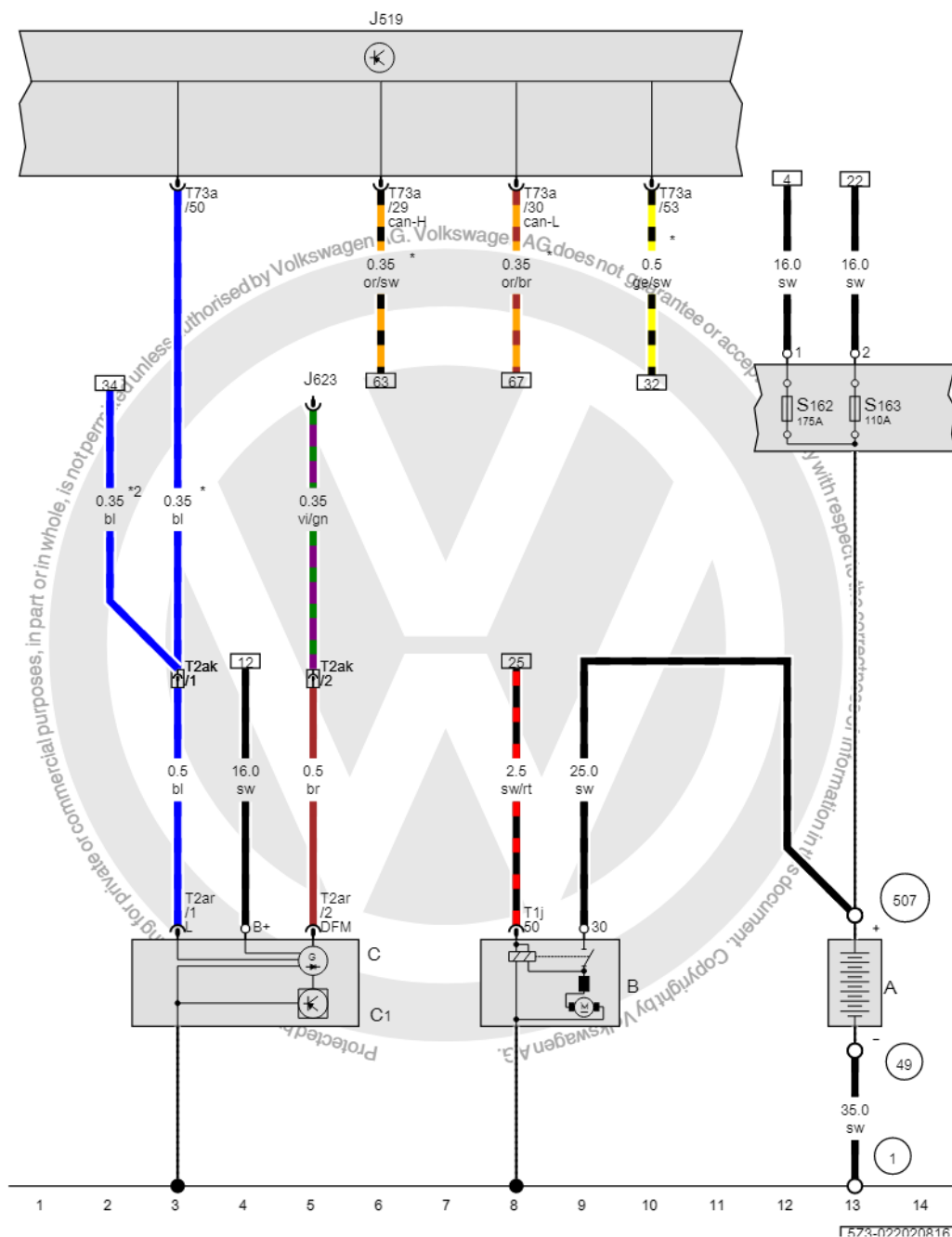
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## Automatic anti-dazzle interior mirror

From April 2013



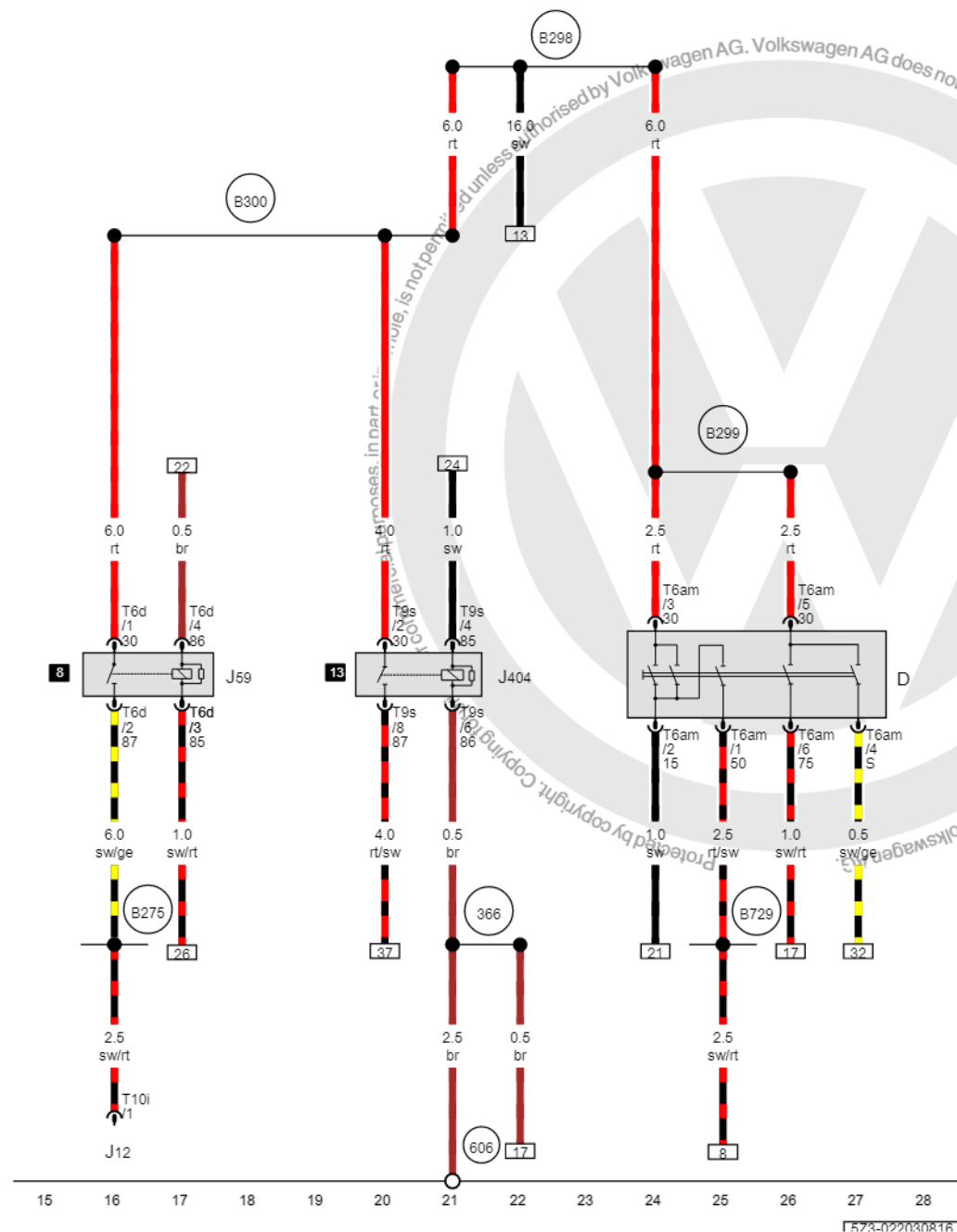


ws = white  
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 ro = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

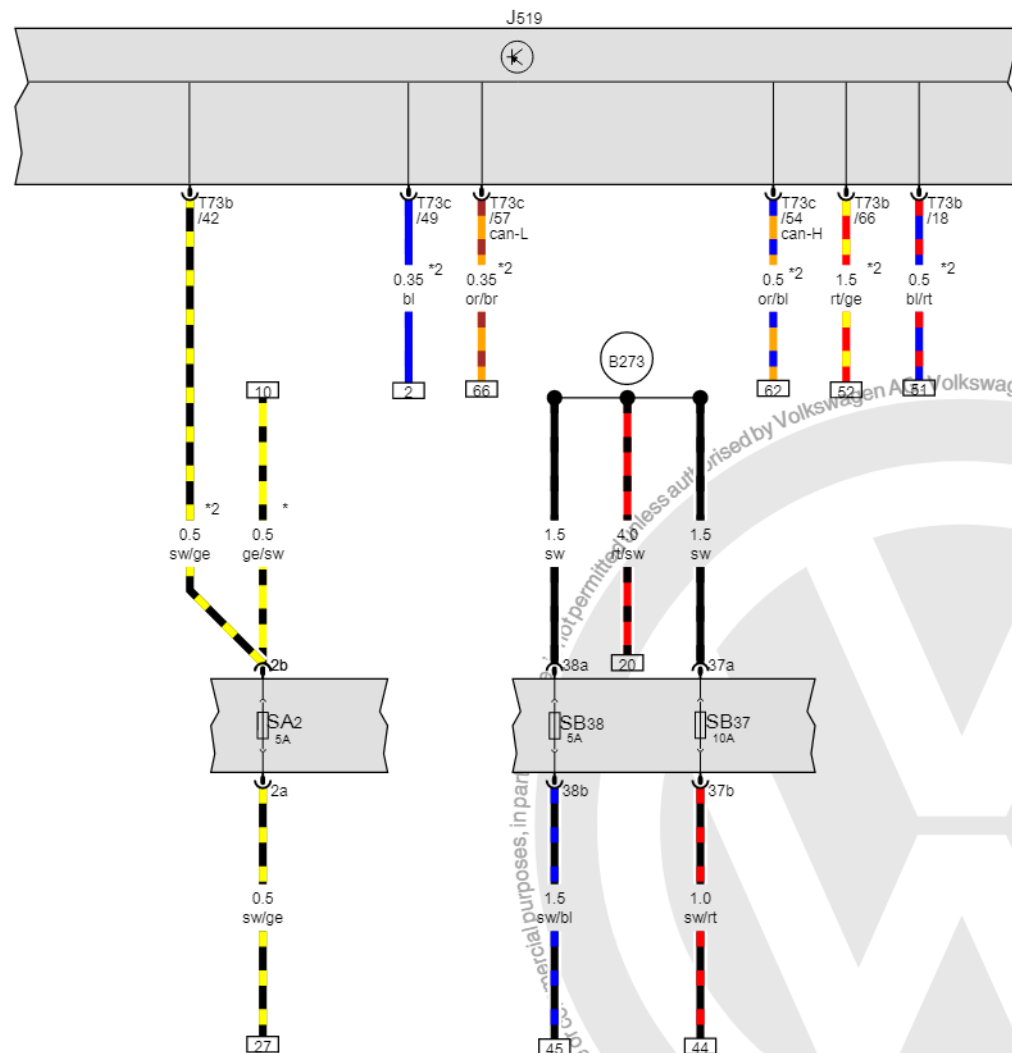
- D Ignition/starter switch
- J12 Headlight main beam relay
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T10i 10-pin connector

- (366) Earth connection 1, in main wiring harness
- (606) Earth point, under the centre console near gear stick
- (B275) Positive connection (87), in main wiring harness
- (B298) Positive connection 2 (30), in main wiring harness
- (B299) Positive connection 3 (30), in main wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B729) Connection 1 (50), in main wiring harness



# Onboard supply control unit

- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T73b 73-pin connector
- T73c 73-pin connector
- B273 Positive connection (15), in main wiring harness
- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

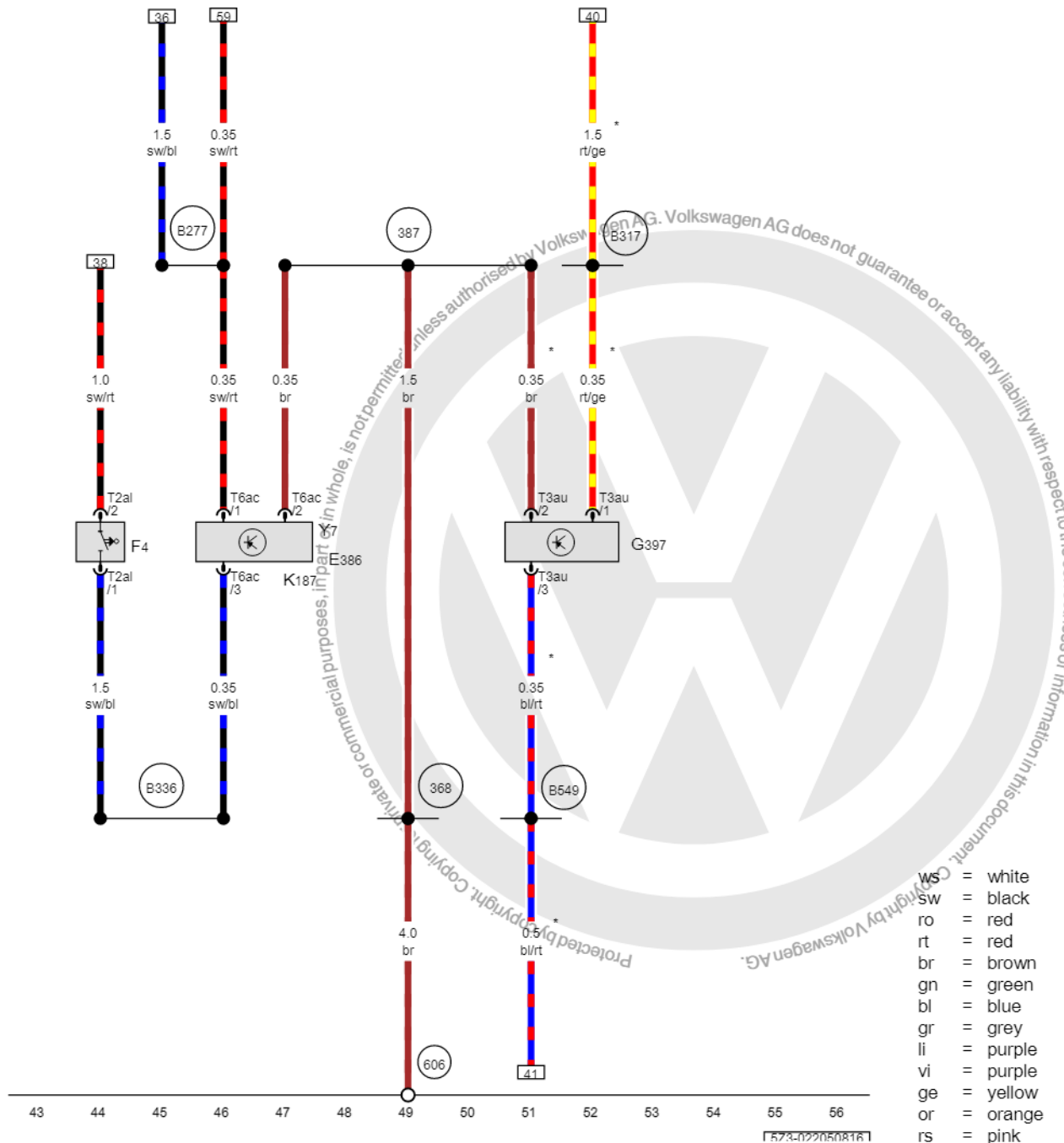


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- li = purple
- ge = yellow
- or = orange
- rs = pink

Anti-dazzle interior mirror button, Reversing light switch, Rain and light sensor, Anti-dazzle interior mirror warming lamp, Automatic anti-dazzle interior mirror

- E386 Anti-dazzle interior mirror button
- F4 Reversing light switch
- G397 Rain and light sensor
- K187 Anti-dazzle interior mirror warming lamp
- T2al 2-pin connector
- T3au 3-pin connector
- T6ac 6-pin connector
- Y7 Automatic anti-dazzle interior mirror

- 368 Earth connection 3, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B277 Positive connection 1 (15a) in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B336 Connection 2 (54), in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- \* Only models with onboard supply control unit BCM





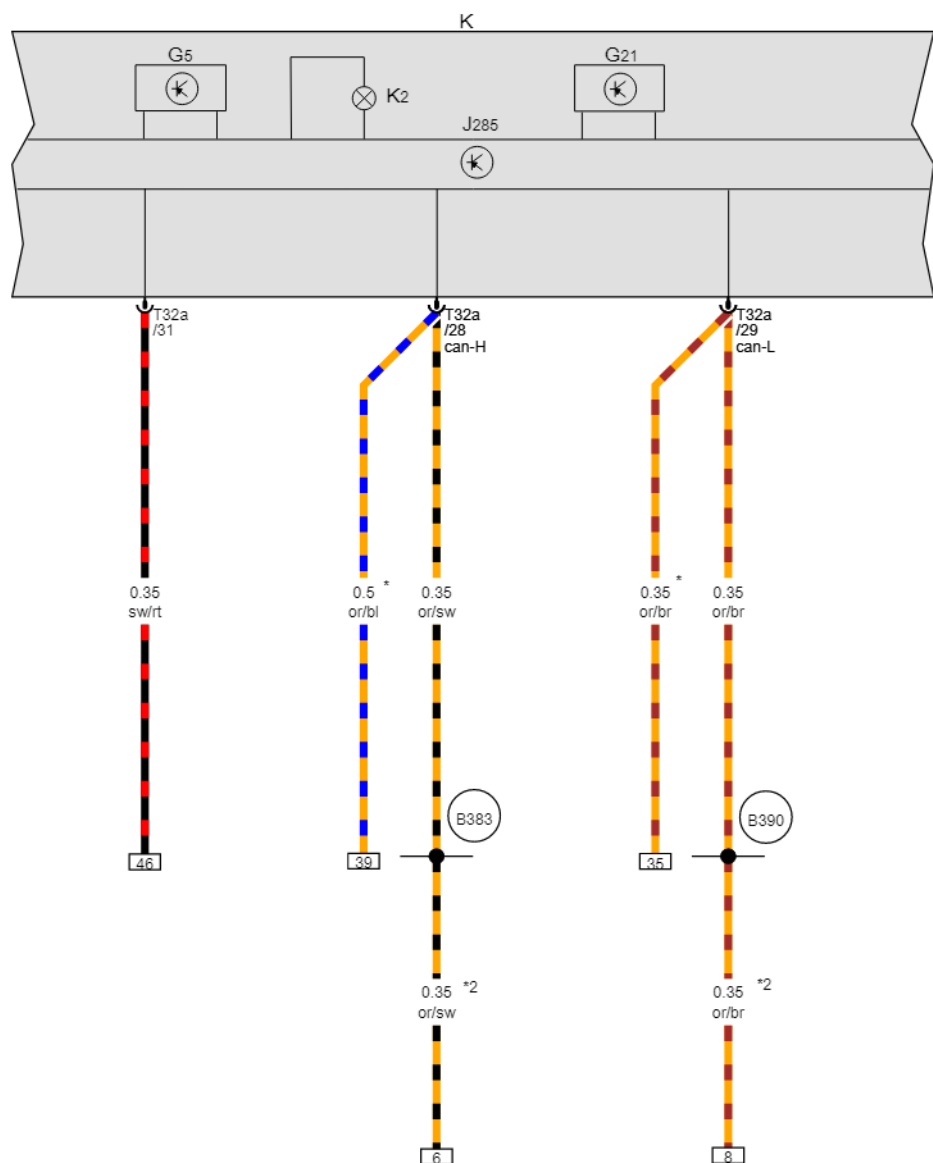
Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



57 58 59 60 61 62 63 64 65 66 67 68 69 70

1573-1022000016

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rs = white  
 or = black  
 ge = red  
 vi = red  
 li = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

## Electrohydraulic power steering , CSEA

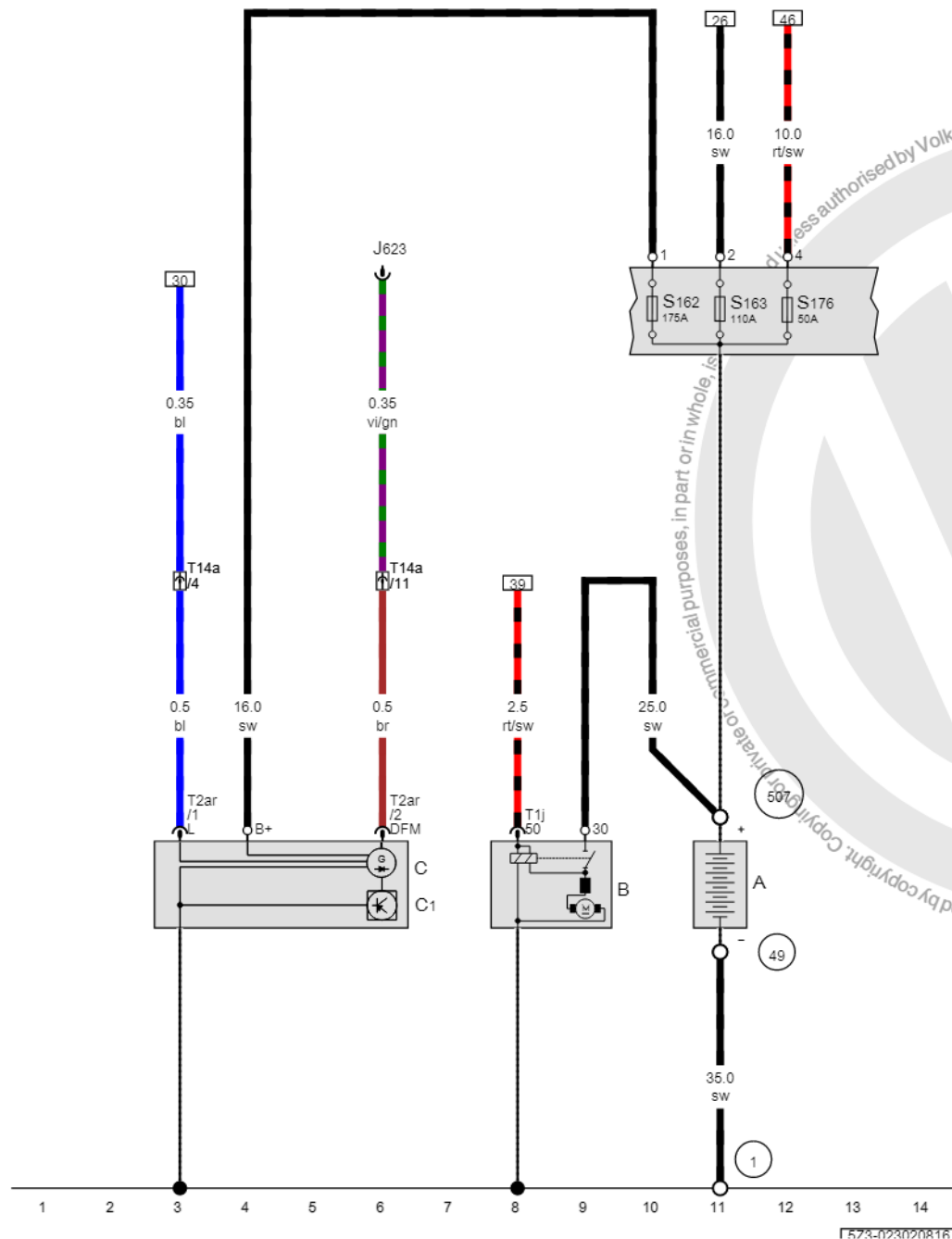
From April 2013



Battery, Starter, Alternator, Voltage regulator

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- J623 Engine control unit
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- S176 Fuse 4 (30), in battery fuse holder
- T1j Single connector
- T2ar 2-pin connector
- T14a 14-pin connector, in engine compartment

- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder

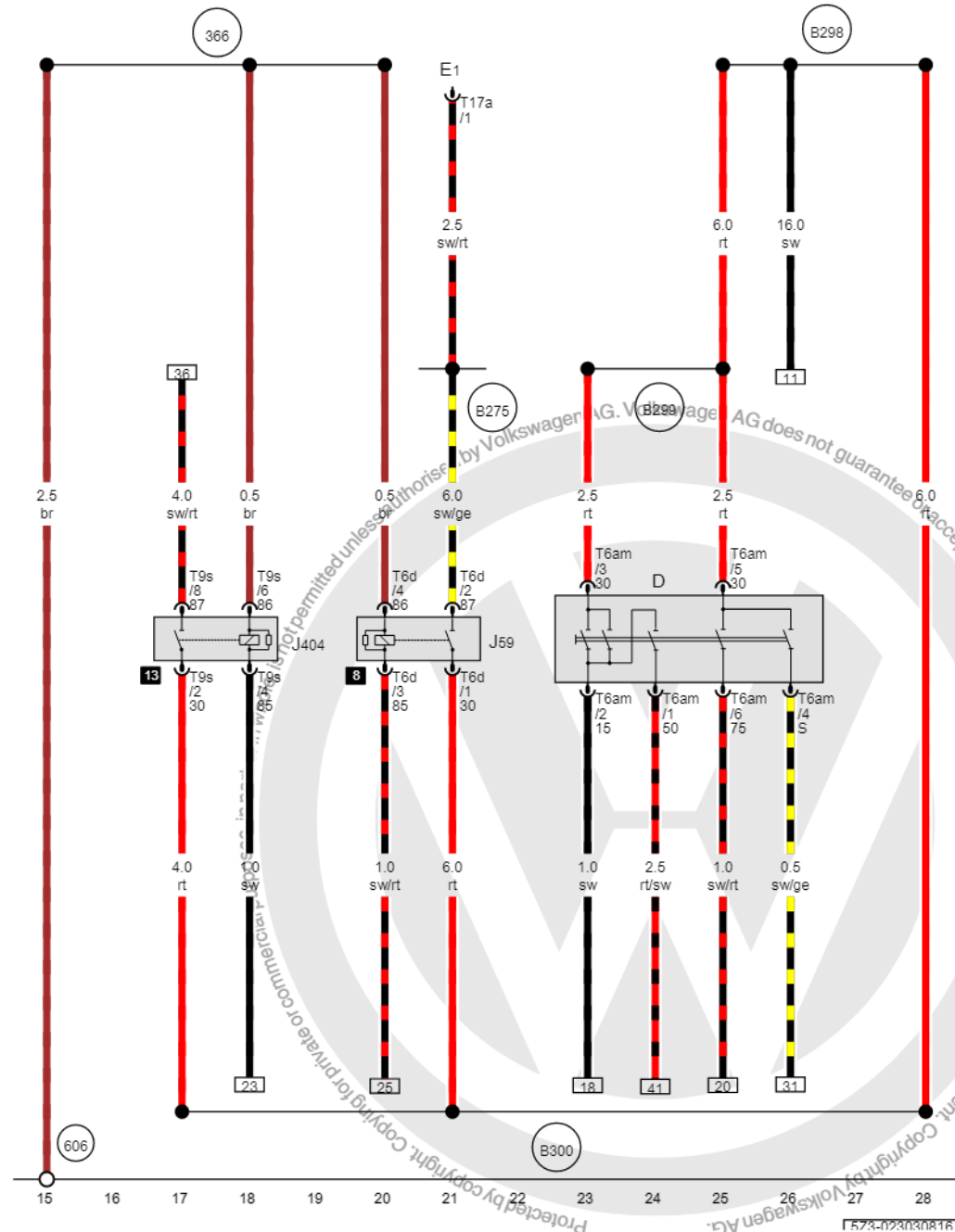


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

- D Ignition/starter switch
- E1 Light switch
- J59 X-contact relief relay
- J404 Terminal 15 relief relay
- T6am 6-pin connector
- T6d 6-pin connector
- T9s 9-pin connector
- T17a 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B275 Positive connection (87), in main wiring harness
- B298 Positive connection 2 (30), in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B300 Positive connection 4 (30), in main wiring harness

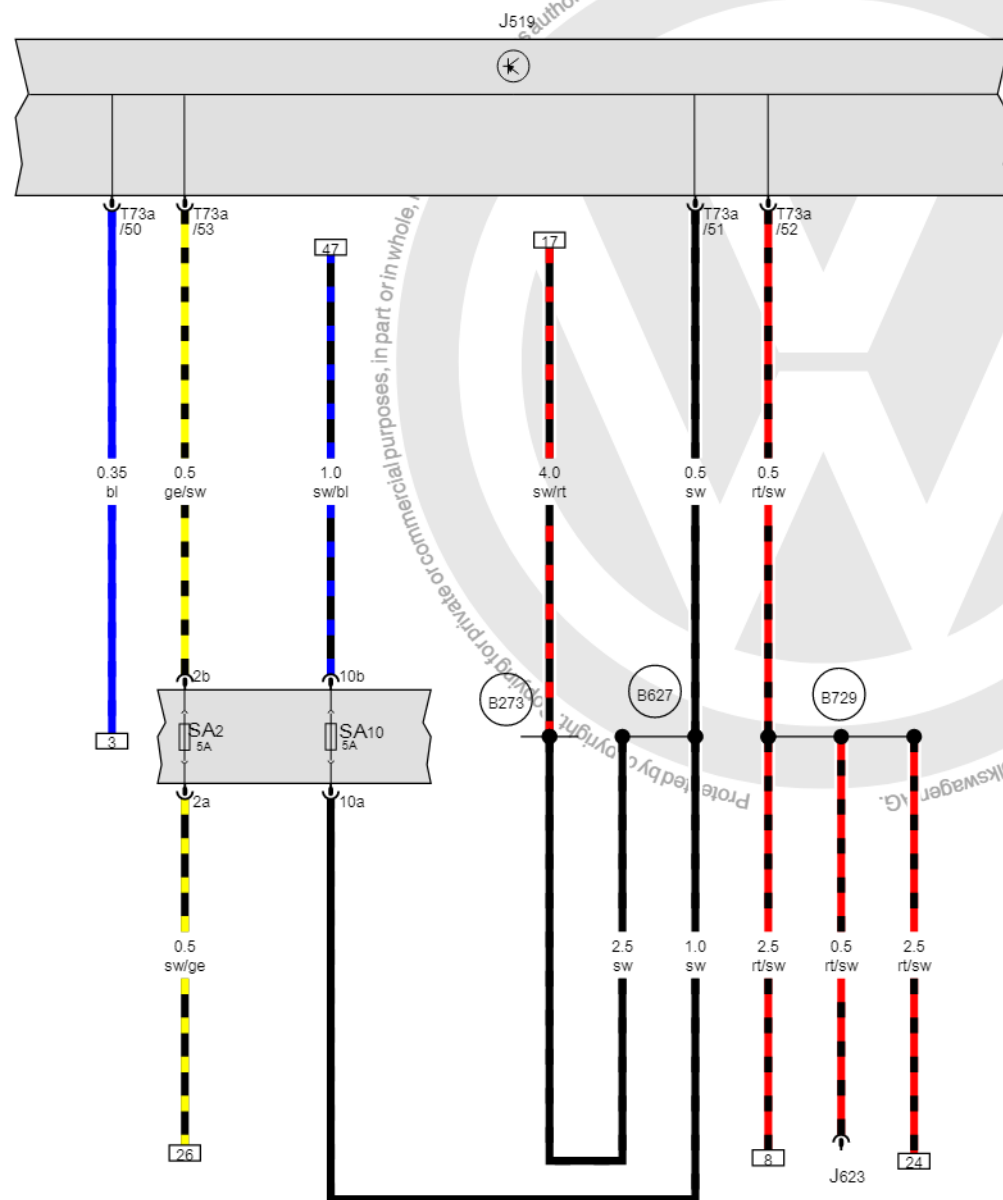


- ws = white
- sw = black
- re = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

### Onboard supply control unit

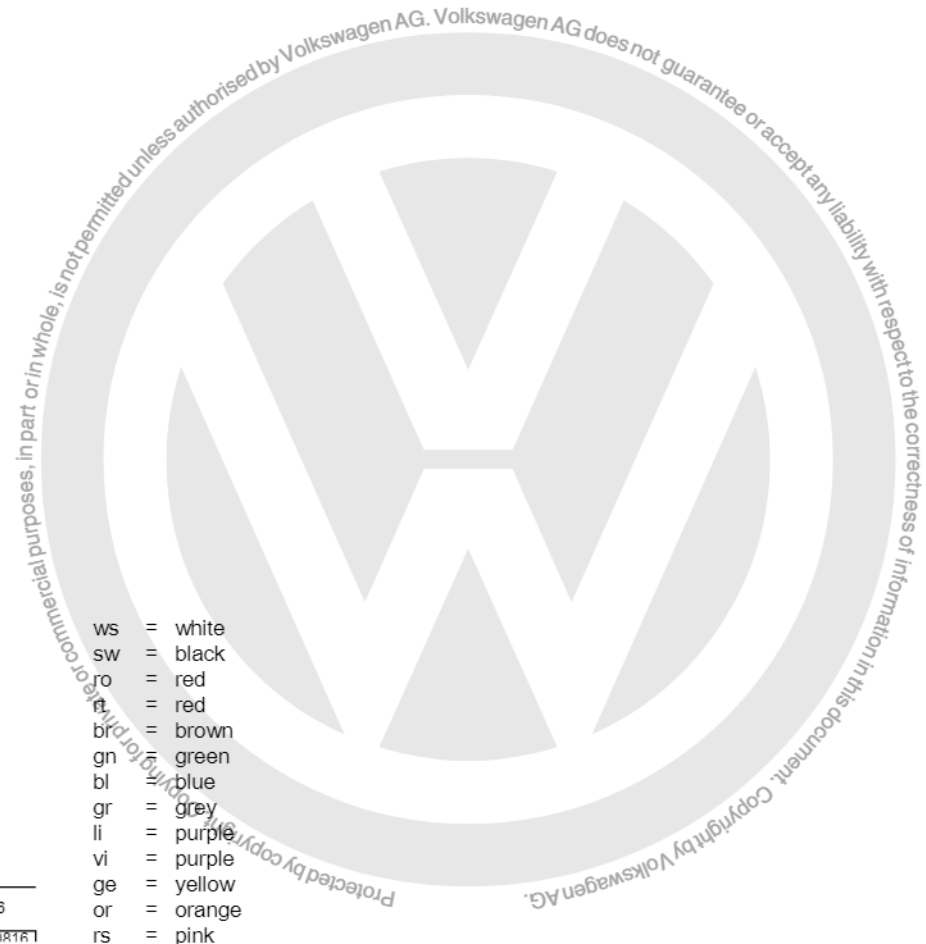
- J519 Onboard supply control unit
- J623 Engine control unit
- SA2 Fuse 2 in fuse holder A
- SA10 Fuse 10 in fuse holder A
- T73a 73-pin connector

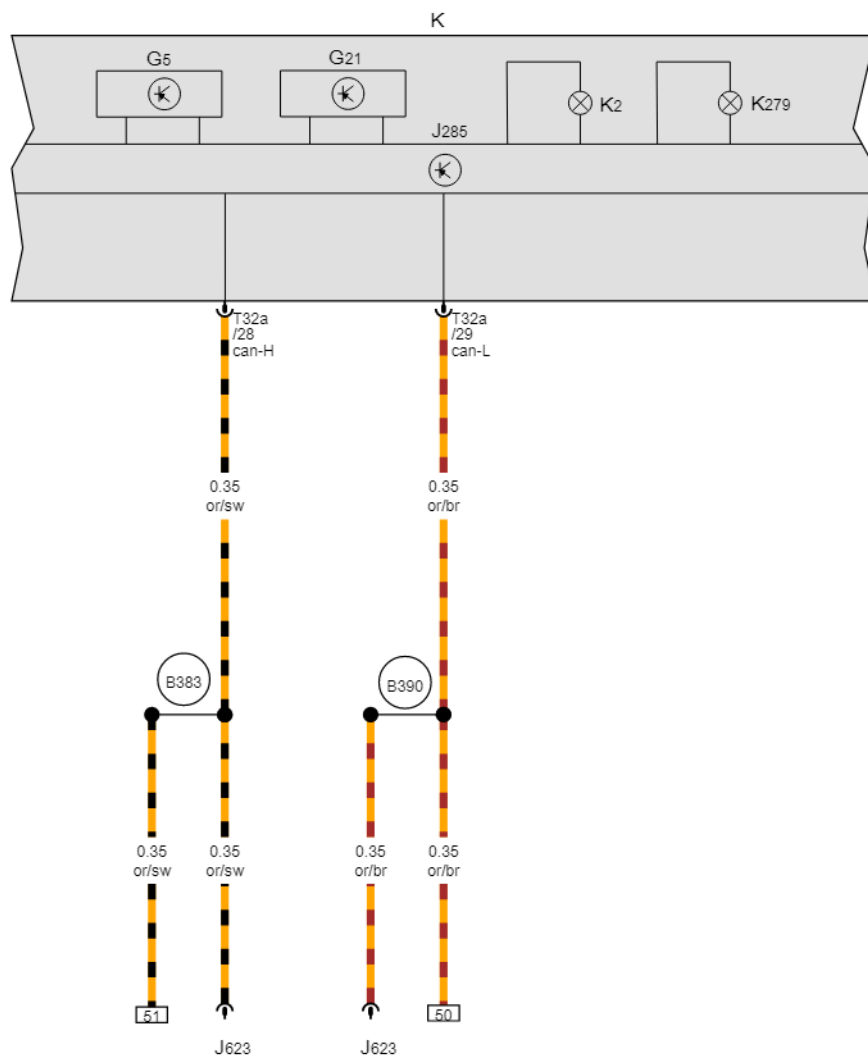
- B273 Positive connection (15), in main wiring harness
- B627 Positive connection 3 (15), in main wiring harness
- B729 Connection 1 (50), in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

G250	Power steering sensor
J500	Power steering control unit
T2ah	2-pin connector
T3d	3-pin connector
T4b	4-pin connector
V119	Steering hydraulics pump
671	Earth point 1, on front of left longitudinal member
*	According to equipment





Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp, Electrohydraulic power steering warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- J623 Engine control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K279 Electrohydraulic power steering warning lamp
- T32a 32-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

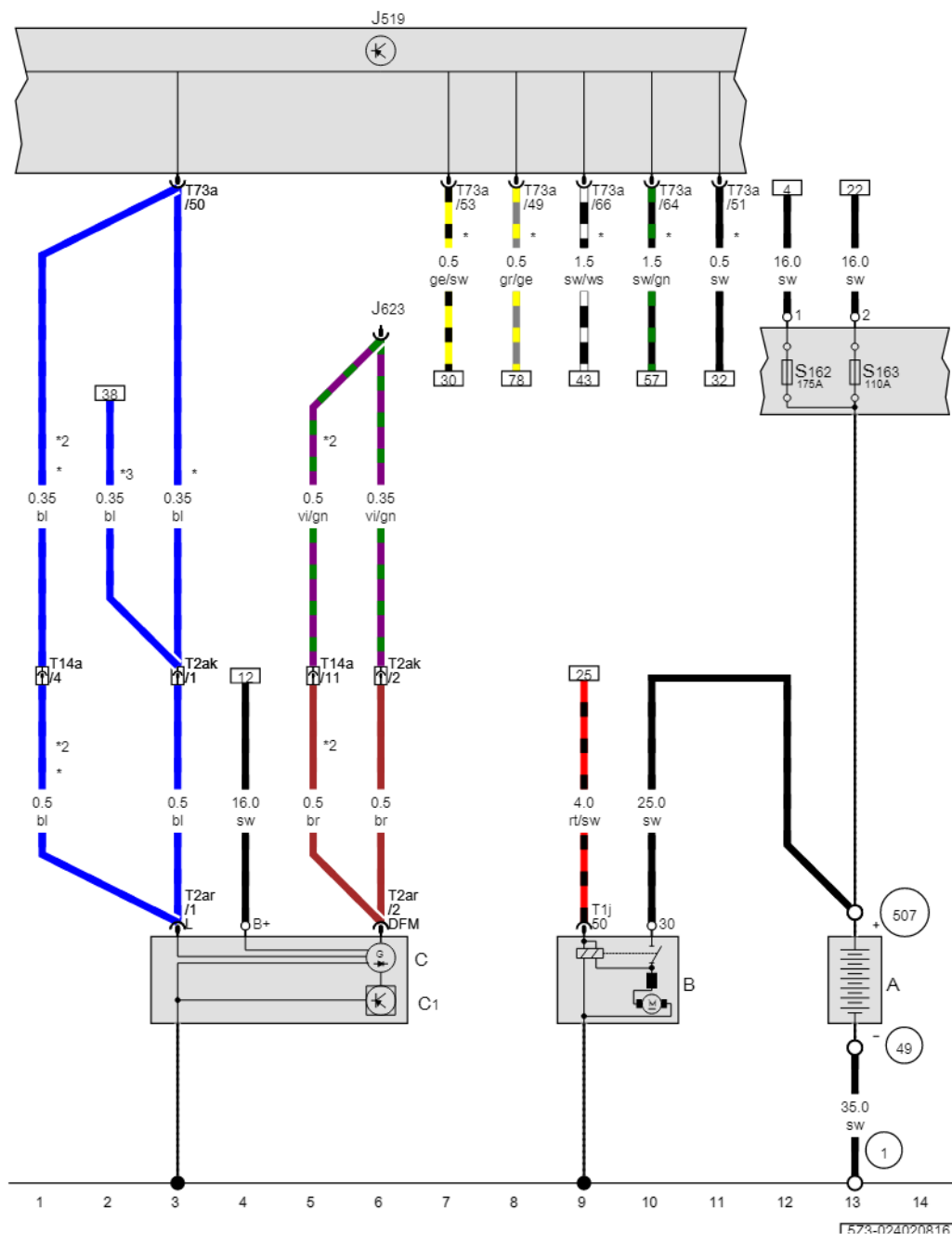
ws = white  
 sw = black  
 ro = red  
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 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
 ge = yellow  
 or = orange  
 rs = pink

## Electrically adjustable exterior mirror

From April 2013







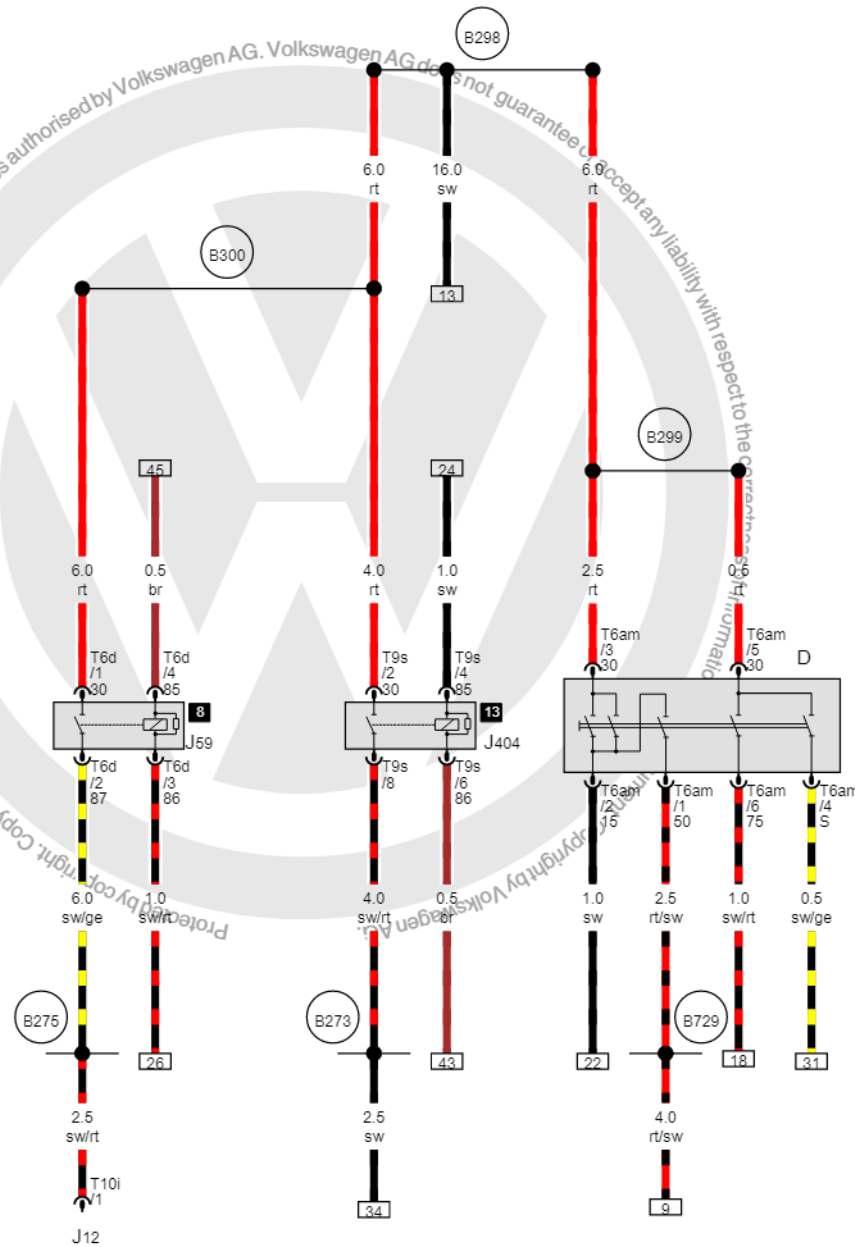
# Battery, Starter, Alternator, Voltage regulator, Onboard supply control unit

- A Battery
  - B Starter
  - C Alternator
  - C1 Voltage regulator
  - J519 Onboard supply control unit
  - J623 Engine control unit
  - S162 Fuse 1 (30), in battery fuse holder
  - S163 Fuse 2 (30), in battery fuse holder
  - T1bat Single connector
  - T1j Single connector
  - T2ak 2-pin connector, in engine compartment
  - T2ar 2-pin connector
  - T14a 14-pin connector, in engine compartment
  - T73a 73-pin connector
- 1 Earth strap, battery - body
- 49 Earth point, near ..., near battery
- 507 Threaded connection (30), on battery fuse holder
- \* Only models with onboard supply control unit BFM
- \*2 Only models with BlueMotion equipment
- \*3 Only models with onboard supply control unit BCM

ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = purple  
vi = purple  
ge = yellow  
or = orange  
rs = pink

Ignition/starter switch, X-contact relief relay, Terminal 15 relief relay

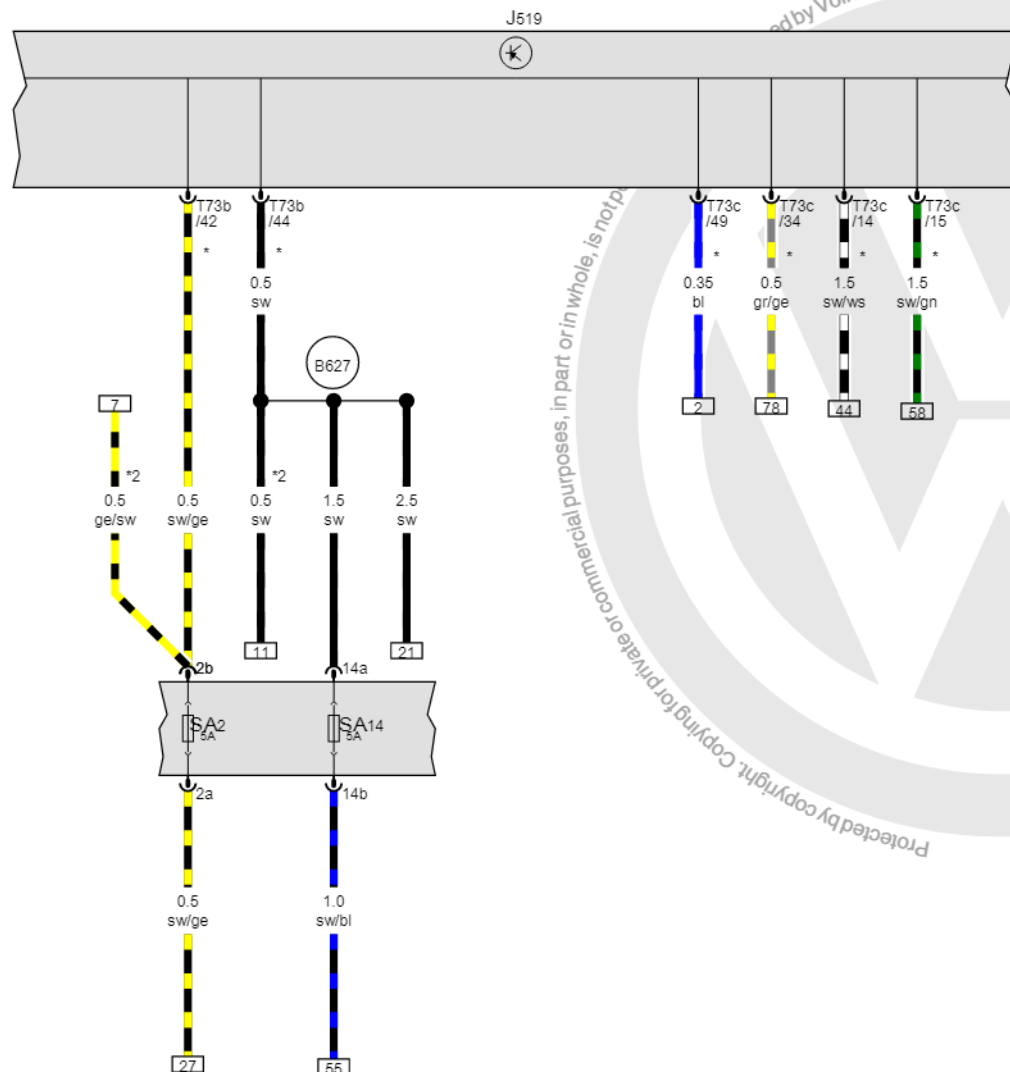
- |      |  |
|------|--|
| D    | Ignition/starter switch                            |
| J12  | Headlight main beam relay                          |
| J59  | X-contact relief relay                             |
| J404 | Terminal 15 relief relay                           |
| T6am | 6-pin connector                                    |
| T6d  | 6-pin connector                                    |
| T9s  | 9-pin connector                                    |
| T10i | 10-pin connector                                   |
| B273 | Positive connection (15), in main wiring harness   |
| B275 | Positive connection (87), in main wiring harness   |
| B298 | Positive connection 2 (30), in main wiring harness |
| B299 | Positive connection 3 (30), in main wiring harness |
| B300 | Positive connection 4 (30), in main wiring harness |
| B729 | Connection 1 (50), in main wiring harness          |



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or = orange  
rs = pink

# Onboard supply control unit

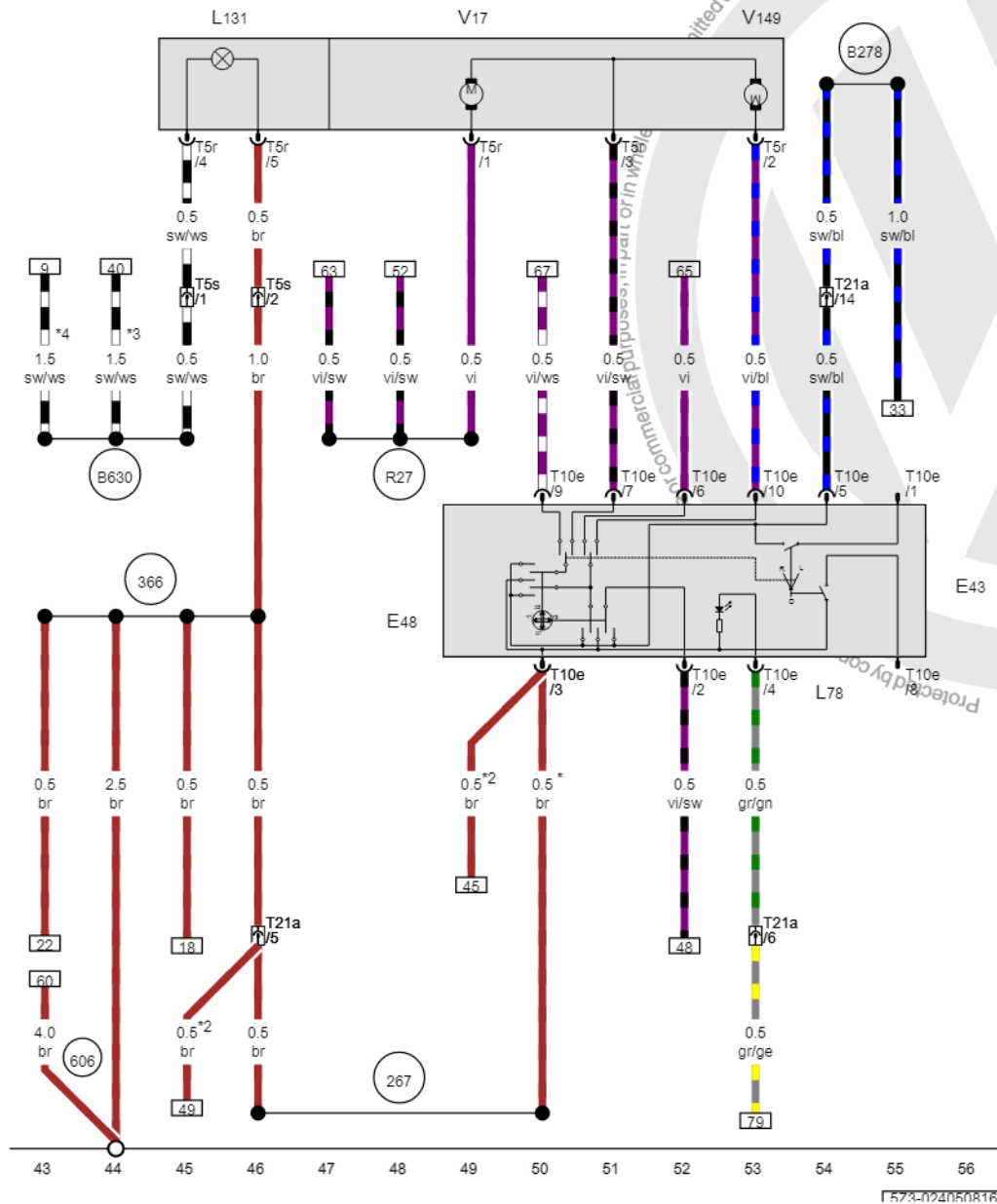
- J519 Onboard supply control unit
- SA2 Fuse 2 in fuse holder A
- SA14 Fuse 14 in fuse holder A
- T73b 73-pin connector
- T73c 73-pin connector
- B627 Positive connection 3 (15), in main wiring harness
- \* Only models with onboard supply control unit BCM
- \*2 Only models with onboard supply control unit BFM



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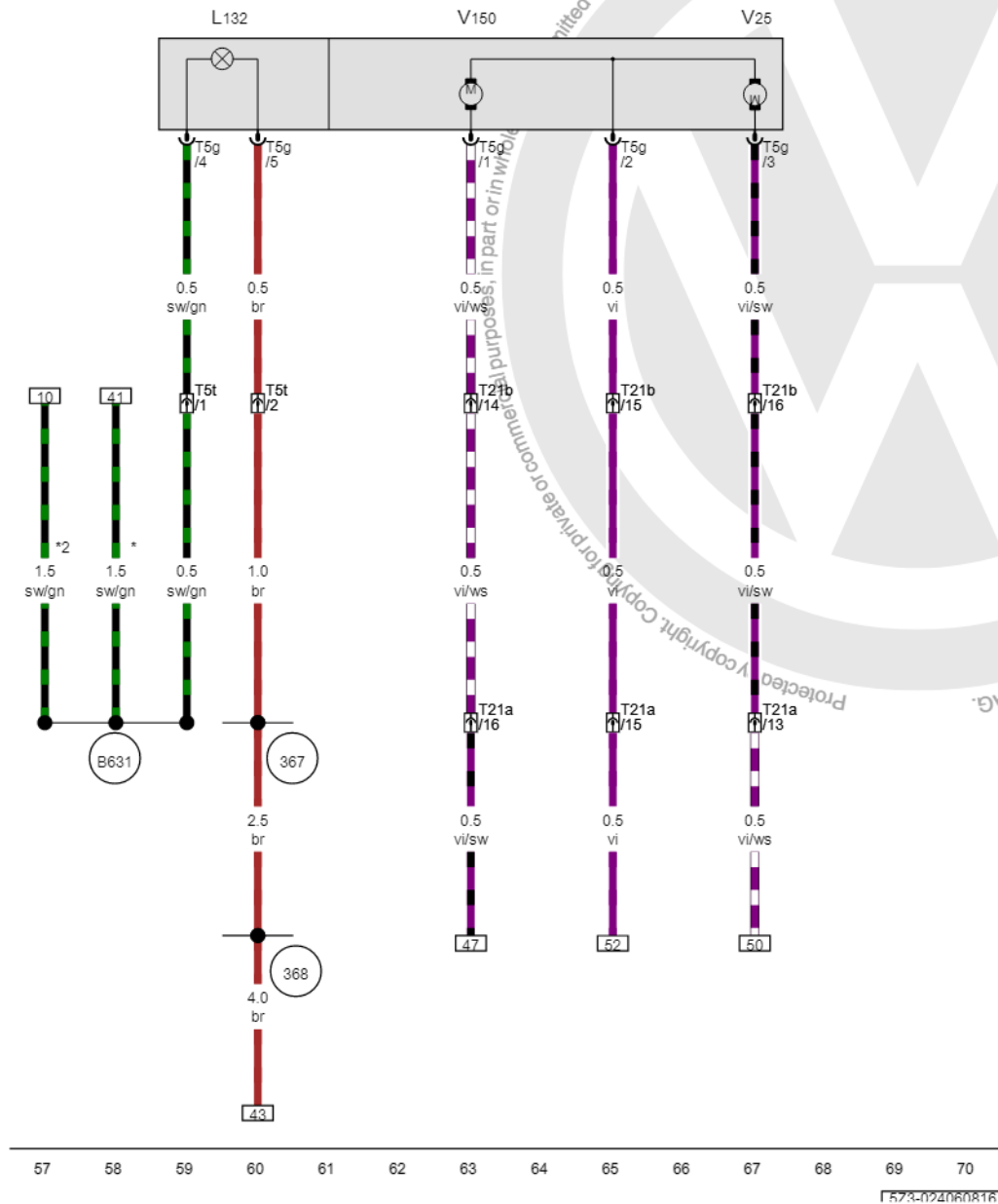
Mirror adjustment switch, Mirror adjustment changeover switch, Mirror adjustment switch illumination bulb, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side mirror adjustment motor

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- L78 Mirror adjustment switch illumination bulb
- L131 Driver side turn signal repeater bulb
- T5r 5-pin connector
- T5s 5-pin connector, in driver door
- T10e 10-pin connector
- T21a 21-pin connector, in driver door
- V17 Driver side mirror adjustment motor 2
- V149 Driver side mirror adjustment motor
- 267 Earth connection 2, in drive side door wiring harness
- 366 Earth connection 1, in main wiring harness
- 606 Earth point, under the centre console near gear stick
- B278 Positive connection 2 (15a) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- R27 Connection (mirror adjustment), in driver door wiring harness
- \* Only models with no central locking
- \*2 Only models with additional lights
- \*3 Only models with onboard supply control unit BCM
- \*4 Only models with onboard supply control unit BFM



Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side mirror adjustment motor

- L132 Front passenger side turn signal repeater bulb  
 T5g 5-pin connector  
 T5t 5-pin connector  
 T21a 21-pin connector, in driver door  
 T21b 21-pin connector, in front passenger door  
 V25 Front passenger side mirror adjustment motor 2  
 V150 Front passenger side mirror adjustment motor  
 367 Earth connection 2, in main wiring harness  
 368 Earth connection 3, in main wiring harness  
 B631 Positive connection (right turn signal bulb), in main wiring harness  
 \* Only models with onboard supply control unit BCM  
 \*2 Only models with onboard supply control unit BFM

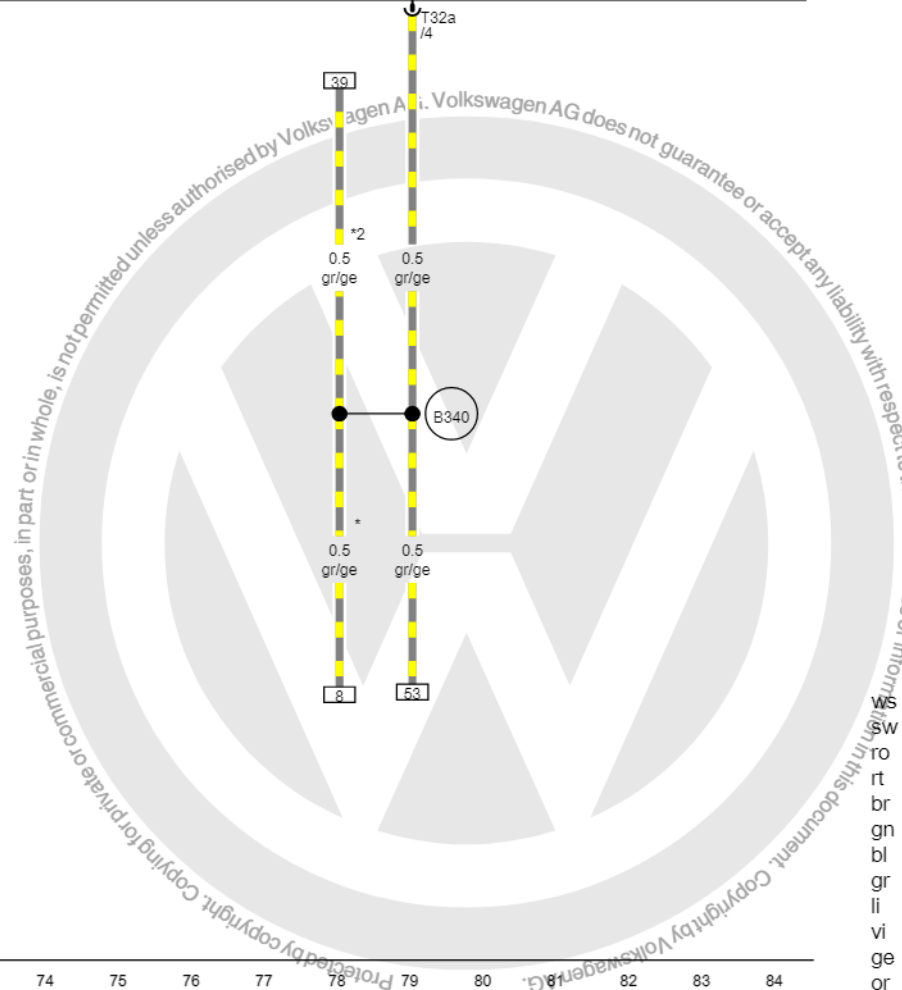
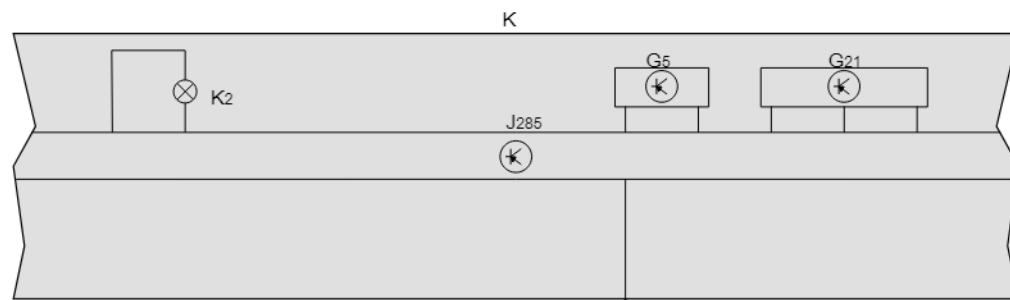


Rev. counter, Speedometer, Control unit in dash panel insert, Dash panel insert, Alternator warning lamp

- G5 Rev. counter
- G21 Speedometer
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- T32a 32-pin connector

B340 Connection 1 (58d), in main wiring harness

- \* Only models with onboard supply control unit BFM
- \*2 Only models with onboard supply control unit BCM

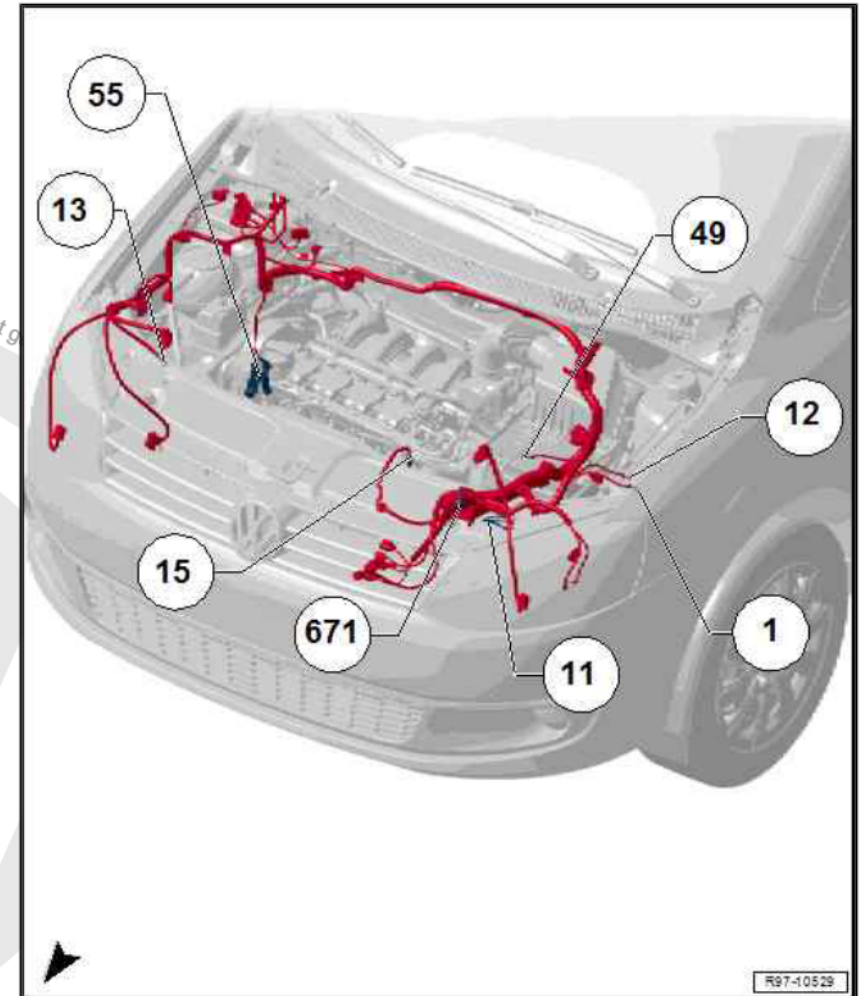


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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

## 1 Earth points

### 1.1 Engine compartment earth points

- 1 - Earth wire, battery-body
- 11 - Battery housing earth connection
- 12 - Engine compartment left earth connection
- 13 - Engine comp. right earth connection
- 15 - Head earth points
- 49 - Earth connection, next to the battery
- 55 - Earth connection next to the ABS control unit
- 671 - Earth point 1 on the front left longitudinal member





## 1.2 Vehicle interior earth points

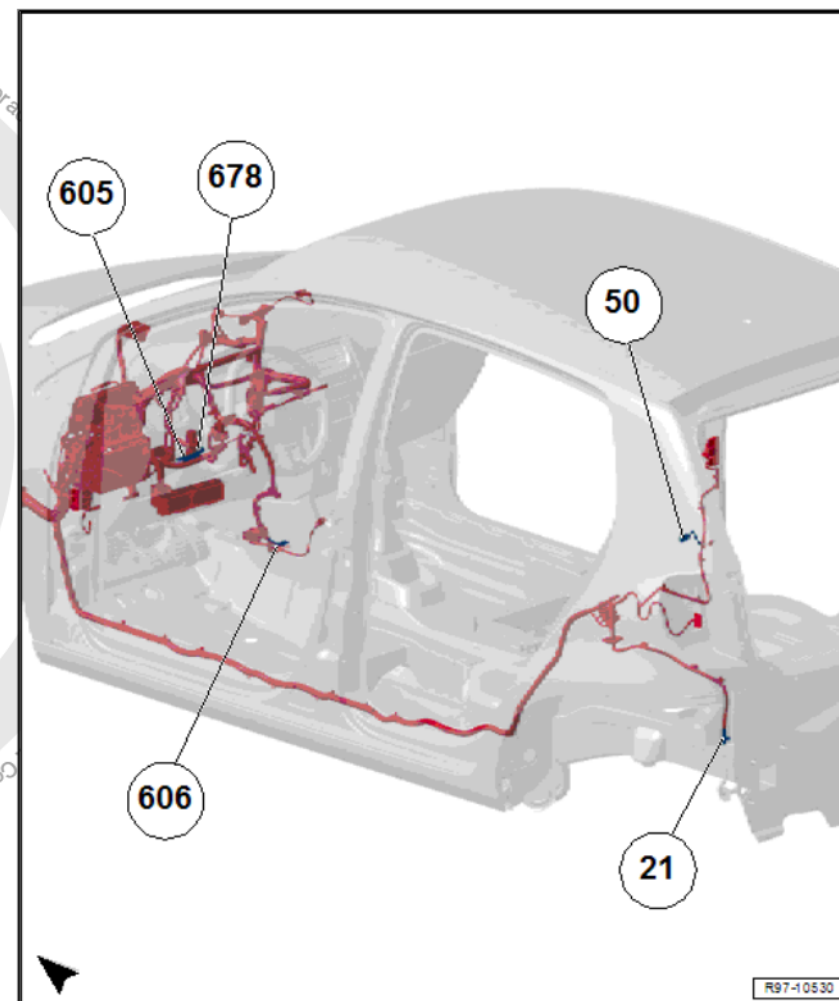
21 - Earth connection next to the fuel pump

50 - Left boot earth connection

605 - Earth point on the upper steering column region

606 - Earth point under the centre console, next to the selector lever

678 - Steering wheel earth point





## 1 Fuse Locations

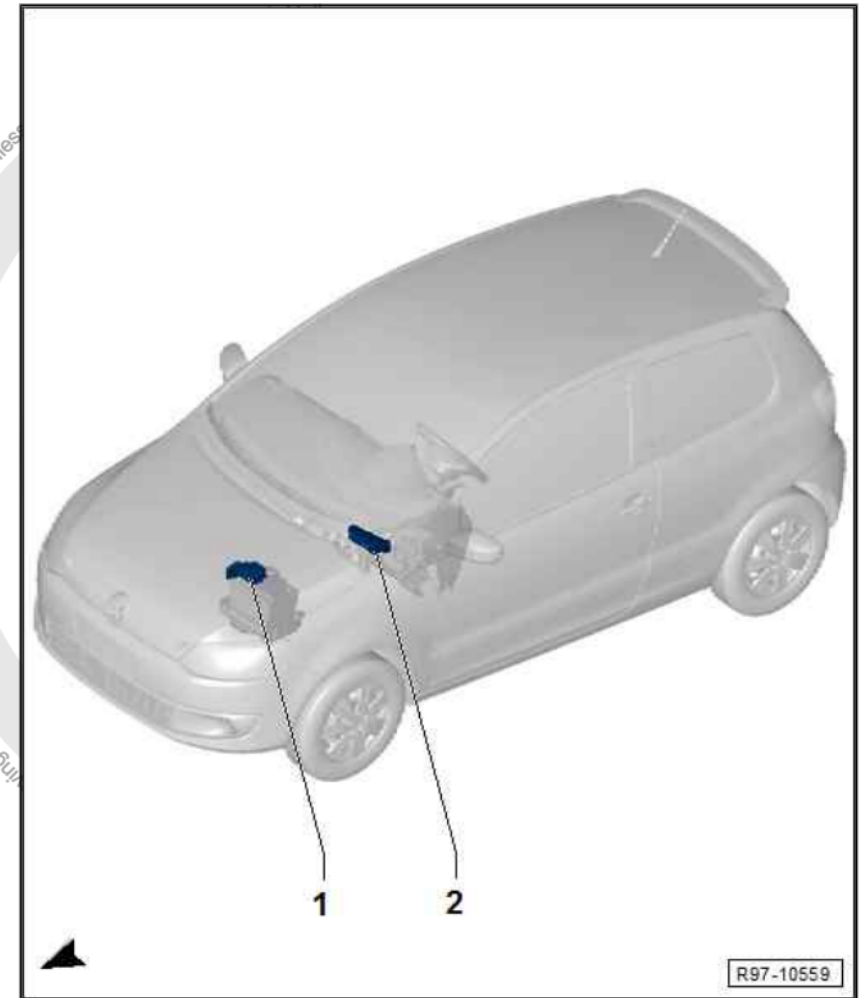
### 1 - Battery fuse holder -S-

- ☐ Fitting Location [⇒ page 2](#)
- ☐ Battery fuse holder -S- as of April, 2013 [⇒ page 2](#)

### 2 - -SA- and -SB- Fuse holder

- ☐ Fitting Location [⇒ page 3](#)
- ☐ Fuse holder -SA- [⇒ page 4](#)
- ☐ Fuse holder -SB- [⇒ page 6](#)

ing for private or commercial purposes, in part or in whole, is not permitted unless



### 1.1 Battery fuse holder -S-, as of April, 2013

# 1 - Fuse Holder S

Fuse cable colours:

175 A - black

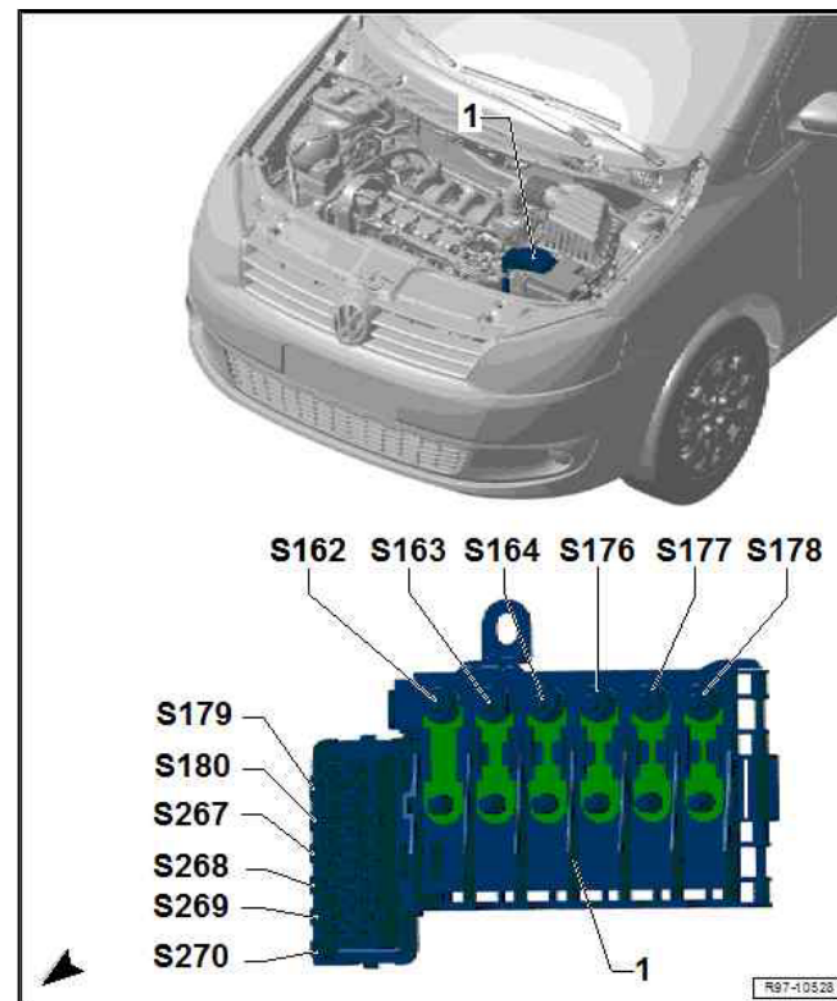
110 A - black

40 A - black / red and purple

30 A - red and purple

25 A - red and green

5 A - red / red and black



## 1.1.1 Battery fuse holder -S-

SL P	Assignment No.	Current	Function / Component	Terminal
---------	----------------	---------	----------------------	----------

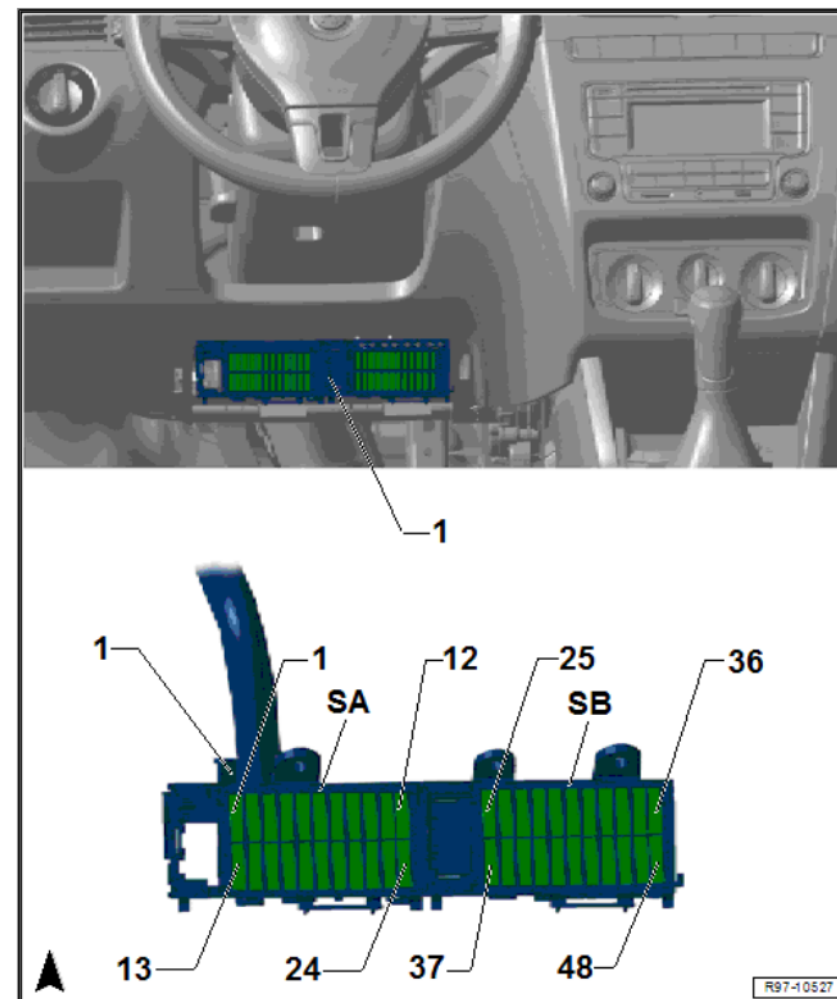
1	- Fuse 1 (30), in battery fuse holder -S162-	175 A	- Alternator -C- Voltage regulator -C1-	30
2	- Fuse 2 (30), in battery fuse holder -S163-	110 A	- Terminal 30 wiring junction -TV2-	30
3	- Fuse 3 (30), in battery fuse holder -S164-	40 A	- Radiator fan 2nd speed relay -J101-	30
4	- Fuse 4 (30), in battery fuse holder -S176-	50 A	- Steering hydraulics pump -V119- Power steering control unit -J500-	30a
5	- Fuse 5 (30), in battery fuse holder -S177-	40 A	- ABS control unit -J104-	30a
6	- Fuse 6 (30), in battery fuse holder -S178-	80 A	- Glow plug relay -J52-	30a
7	- Fuse 7 (30), in battery fuse holder -S179-	30 A	- Hydraulic pump for gearbox -V387-	30a
8	- Fuse 8 (30), in battery fuse holder -S180-	10 A	- Automatic gearbox control unit -J217-	30a
9	- Fuse 9 (30), in battery fuse holder -S267-	5 A	- Onboard supply control unit -J519-	30a
10	- Fuse 10 (30), in battery fuse holder -S268-	-	- Empty	-
11	- Fuse 11 (30), in battery fuse holder -S269-	30 A	- Fresh air blower and radiator fan relay -J209-	30a
12	- Fuse 12 (30), in battery fuse holder -S270-	25 A	- ABS control unit -J104-	30a

## 1.2 Battery fuse holder -SA- and -SB, as of April, 2013

1 - SA and SB fuse holder

Fuse colours:

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige



### 1.2.1 Fuse holder -SA-

SL P	Assignment No.	Current	Function / Component	Terminal
1	- Fuse 1 of fuse holder A -SA1-	15 A	- Onboard supply control unit -J519- ♦ Fog lights	30a
			Front and rear fog light switch -E23-	
2	- Fuse 2 of fuse holder A -SA2-	5 A	- Onboard supply control unit -J519-	86s

3	-	Fuse 3 of fuse holder A -SA3-	15 A	-	Relay 2 for long-range headlights -J1062-	30a
4	-	Fuse 4 of fuse holder A -SA4-	15 A	-	Alarm horn relay -J641-	30a
5	-	Fuse 5 of fuse holder A -SA5-	20 A	-	Radio -R-	30a
6	-	Fuse 6 of fuse holder A -SA6-	20 A	-	Onboard supply control unit -J519- ♦ Rear window defogger	30a
7	-	Fuse 7 of fuse holder A -SA7-	10 A	-	Airbag control unit -J234-	15a
8	-	Fuse 8 of fuse holder A -SA8-	20 A	-	Sliding sunroof adjustment control unit -J245-	30a
9	-	Fuse 9 of fuse holder A -SA9-	10 A	-	Automatic gearbox control unit -J217-	15a
10	-	Fuse 10 of fuse holder A -SA10-	5 A	-	Electric-hydraulic motor housing control unit -J247-	15a
11	-	Fuse 11 of fuse holder A -SA11-	5 A	-	Front and rear fog light switch -E23-	XR
12	-	Fuse 12 of fuse holder A -SA12-	-	-	Empty	
13	-	Fuse 13 of fuse holder A -SA13-	5 A	-	Selector lever sensors control unit -J587-	30a
14	-	Fuse 14 of fuse holder A -SA14-	5 A	-	Folding exterior mirror control unit -J351-	15a
15	-	Fuse 15 of fuse holder A -SA15-	25 A	-	Air conditioning system switch-off relay -J365- 12 V socket 2 -U18-	30a
16	-	Fuse 16 of fuse holder A -SA16-	25 A	-	Onboard supply control unit -J519- ♦ Central locking system	30a
17	-	Fuse 17 of fuse holder A -SA17-	5 A	-	Light switch -E1-	30a
18	-	Fuse 18 of fuse holder A -SA18-	10 A	-	Rear window wiper motor -V12-	XR
19	-	Fuse 19 of fuse holder A -SA19-	5 A	-	Selector lever sensors control unit -J587-	15a
20	-	Fuse 20 of fuse holder A -SA20-	15 A	-	12 V socket 2 -U18-	30a
21	-	Fuse 21 of fuse holder A -SA21-	5 A	-	Airbag coil connector and return ring with slip ring -F138-	30a
22	-	Fuse 22 of fuse holder A -SA22-	30 A	-	Central control unit for window control -J1015-	30a
23	-	Fuse 23 of fuse holder A -SA23-	15 A <sup>1)</sup> 25 A <sup>2)</sup>	-	Ignition coil 1 w/ final power stage -N70- Ignition coil 2 w/ final power stage -N127- Ignition coil 3 w/ final power stage -N291- Ignition transformer -N152-	87
24	-	Fuse 24 of fuse holder A -SA24-	10 A	-	ABS control unit -J104-	15a



Note

♦ <sup>1)</sup>For CPBA, CFZA and CCRA engines

♦ <sup>2)</sup>Only for CSEA engine

## 1.2.2 Fuse holder -SB-

SE P	Assignment No.	Current	Function / Component	Terminal
25	- Fuse 25 on fuse holder B -SB25-	20 A	- Onboard supply control unit -J519- ♦ Brakes	30a
26	- Fuse 26 on fuse holder B -SB26-	10 A	- Intermittent wiper switch -E22-	15a
27	- Fuse 27 on fuse holder B -SB27-	5 A	- Fitting connector, 16-pole, in diagnosis -T16a-	30a
28	- Fuse 28 on fuse holder B -SB28-	5 A	- Folding exterior mirror control unit -J351- Engine control unit -J623- Voltage supply relay 1 -J701- Fuel pump relay -J17-	30a
29	- Fuse 29 on fuse holder B -SB29-	15 A	- Onboard supply control unit -J519- ♦ Windscreen washer, wiper	30a
30	- Fuse 30 on fuse holder B -SB30-	15 A	- Engine control unit -J623-	87a
31	- Fuse 31 on fuse holder B -SB31-	5 A	- Onboard supply control unit -J519- ♦ Right side lights Right tail light bulb -M2- Right side light bulb -M3-	58R
32	- Fuse 32 on fuse holder B -SB32-	5 A	- Onboard supply control unit -J519- ♦ License plate Number plate light -X- Dash panel insert -K-	58
33	- Fuse 33 on fuse holder B -SB33-	15 A	- Fuel system pressurisation pump -G6-	87a
34	- Fuse 34 on fuse holder B -SB34-	10 A	- Glow plug relay -J52- Heating system control unit -J65-	87
35	- Fuse 35 on fuse holder B -SB35-	15 A	- Left headlight twin filament bulb -L1- Right headlight twin filament bulb -L2-	56aL

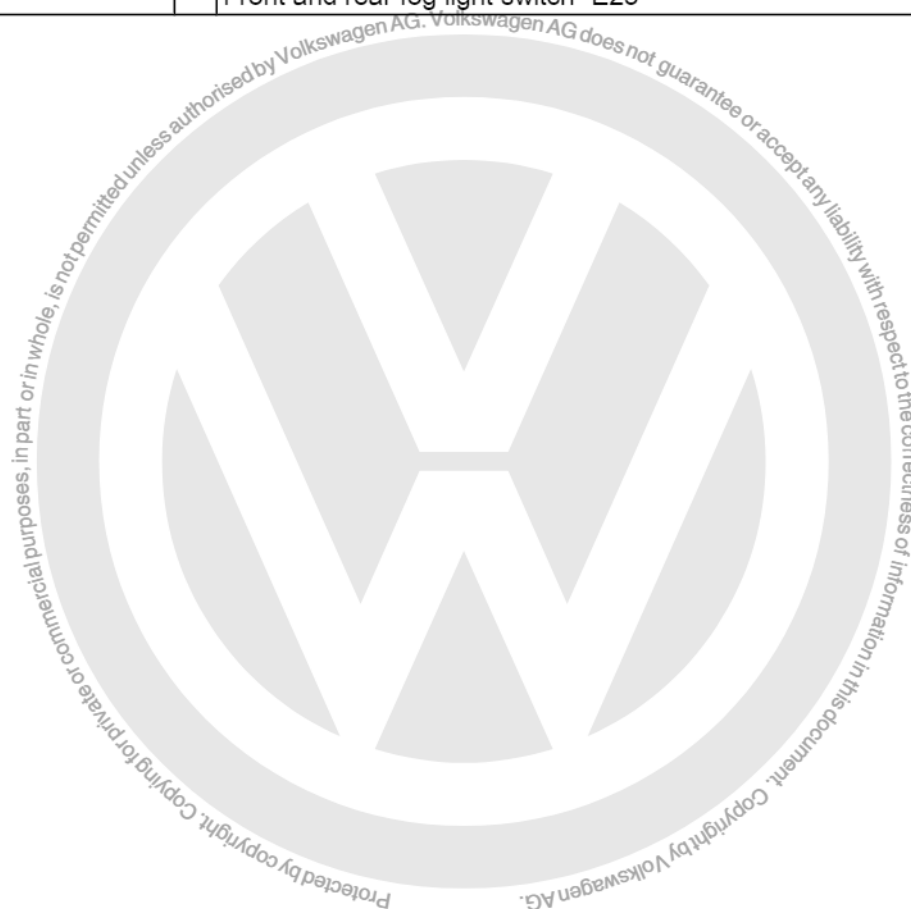
				Left side light bulb -M1-	
				Right side light bulb -M3-	
				Dash panel insert -K-	
36	-	Fuse 36 on fuse holder B -SB36-	10 A <sup>1)</sup> 25 A <sup>2)</sup>	- Onboard supply control unit -J519- ◆ Left dipped beam	30a
				Left headlight twin filament bulb -L1-	
37	-	Fuse 37 on fuse holder B -SB37-	10 A	- Reversing light switch -F4-	15a
38	-	Fuse 38 on fuse holder B -SB38-	10 A	Glove compartment light -W6-	15a
				Automatic anti-dazzle interior mirror -Y7-	
				Parking aid control unit -J446-	
				Dash panel insert -K-	
39	-	Fuse 39 on fuse holder B -SB39-	10 A	- Right alarm ultrasound sensor -G171-	30a
				Alarm system ultrasound sensor -G209-	
				Rain sensor and light sensor -G397-	
				Onboard supply control unit -J519- ◆ Side mirror folding	
				Luggage compartment light -W3-	
				Rear left reading light -W11-	
				Rear right reading light -W12-	
				Front passenger side illuminated vanity mirror -W14-	
				Driver side illuminated vanity mirror -W20-	
40	-	Fuse 40 on fuse holder B -SB40-	10 A	- Onboard supply control unit -J519-	30a
41	-	Fuse 41 on fuse holder B -SB41-	10 A	- Onboard supply control unit -J519- ◆ Horn	30a
42	-	Fuse 42 on fuse holder B -SB42-	25 A	- Fresh air blower switch -E9-	XR
				Air conditioning system control unit -J301-	
43	-	Fuse 43 on fuse holder B -SB43-	5 A	- Left side light bulb -M1-	58L
				Left tail light bulb -M4-	
				Onboard supply control unit -J519- ◆ Left side lights	
44	-	Fuse 44 on fuse holder B -SB44-	10 A	- Clutch pedal switch -F36-	87a
				Brake pedal switch -F47-	
				Cold start valve -N17-	

45	-	Fuse 45 on fuse holder B -SB45-	10 A	-	Lambda Probe -G39-	87a
					Lambda probe after catalytic converter -G130-	
					Activated charcoal filter solenoid valve 1 -N80-	
46	-	Fuse 46 on fuse holder B -SB46-		-	Empty	
47	-	Fuse 47 on fuse holder B -SB47-	10 A <sup>1)</sup> 25 A <sup>2)</sup>	-	Onboard supply control unit -J519- ◆ Right dipped beam	30a
					Right headlight twin filament bulb -L2-	
48	-	Fuse 48 on fuse holder B -SB48-	15 A <sup>3)</sup> 25 A <sup>4)</sup>	-	Headlight main beam relay -J12-	XR
					X-contact relief relay -J59-	
					Front and rear fog light switch -E23-	



## Note

- ♦ <sup>1)</sup> Only for vehicles equipped with BFM
- ♦ <sup>2)</sup> Only for vehicles equipped with BCM
- ♦ <sup>3)</sup> Only for vehicles equipped with 12V power outlet
- ♦ <sup>4)</sup> Only for vehicles equipped with lighters





## 1 Relays

1 - Relay to the right of the dashboard, behind the glove compartment:

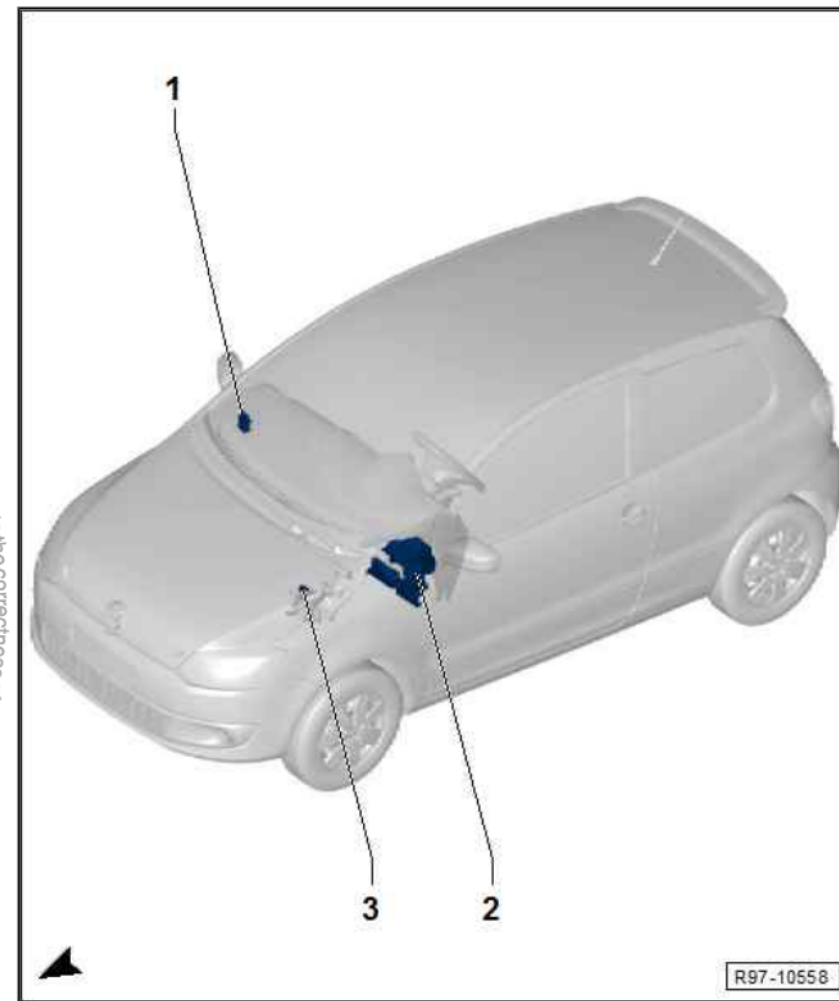
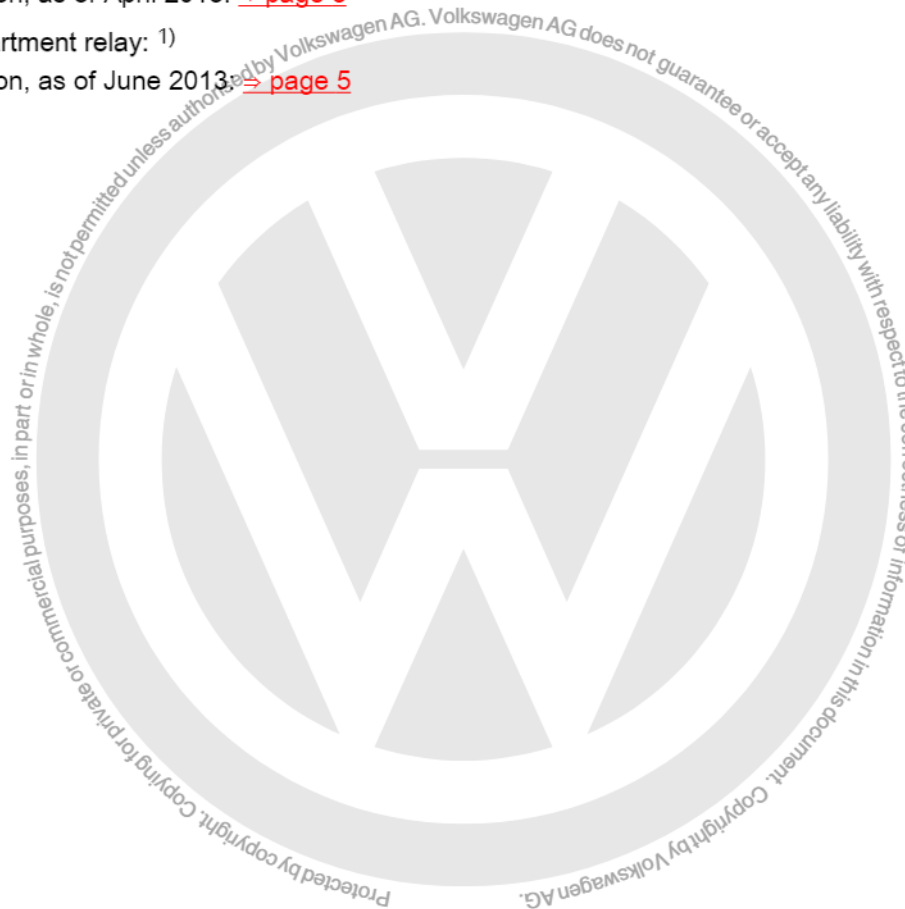
- ☐ Relay descriptions, as of April 2013: [⇒ page 2](#)

2 - Relay to the left, behind the dashboard:

- ☐ Relay description, as of April 2013: [⇒ page 3](#)

3 - Left engine compartment relay: <sup>1)</sup>

- ☐ Relay description, as of June 2013: [⇒ page 5](#)



Note

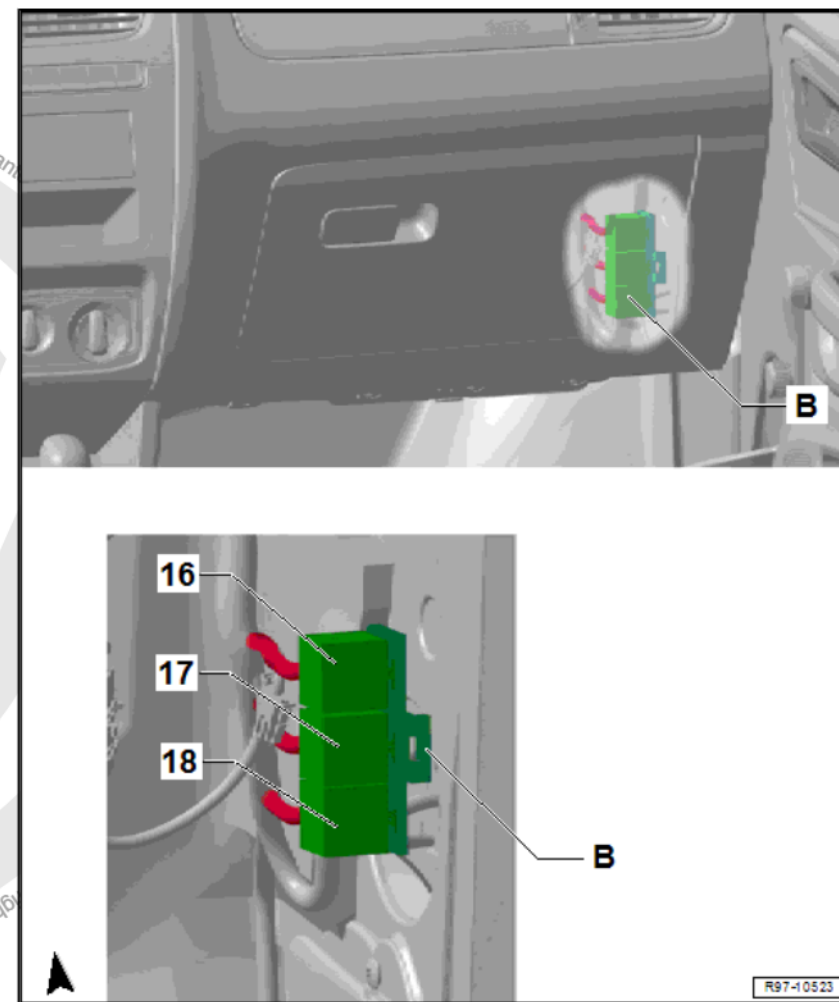
◆<sup>1)</sup> Only for CSEA engine

## 1.1 Relay to the right of the dashboard, behind the glove compartment

### 1.1.1 Relay descriptions, as of April 2013:

17 - Starter motor relay 2 -J695-

□ Colour: Black



## 1.2 Relay to the left, behind the dashboard

### 1.2.1 Relay descriptions, as of April 2013:

#### 1a - Air conditioning system switch-off relay -J365-

□ Colour: Grey

#### 1b - X contact relief relay 2 -J339-

□ Colour: Black

#### 2 - Starter motor relay -J53-

□ Colour: Black

#### 3 - Folding exterior mirror control unit -J351-

□ Colour: Black

#### 4 - Folding exterior mirror control unit -J351-

□ Colour: Black

#### 5 - Voltage supply relay 1 -J701-

□ Colour: Gray<sup>1)</sup>

□ Colour: Black<sup>2)</sup>

#### 6a - Alarm horn relay -J641-

□ Colour: Grey

#### 6b - Relay 2 for long-range headlights -J1062-

□ Colour: Black

#### 7 - Gearbox hydraulic pump relay -J510-

□ Colour: Light-green

#### 8 - X-contact relief relay -J59-

□ Colour: Light-green

#### 9 - Fresh air blower and radiator fan relay -J209-

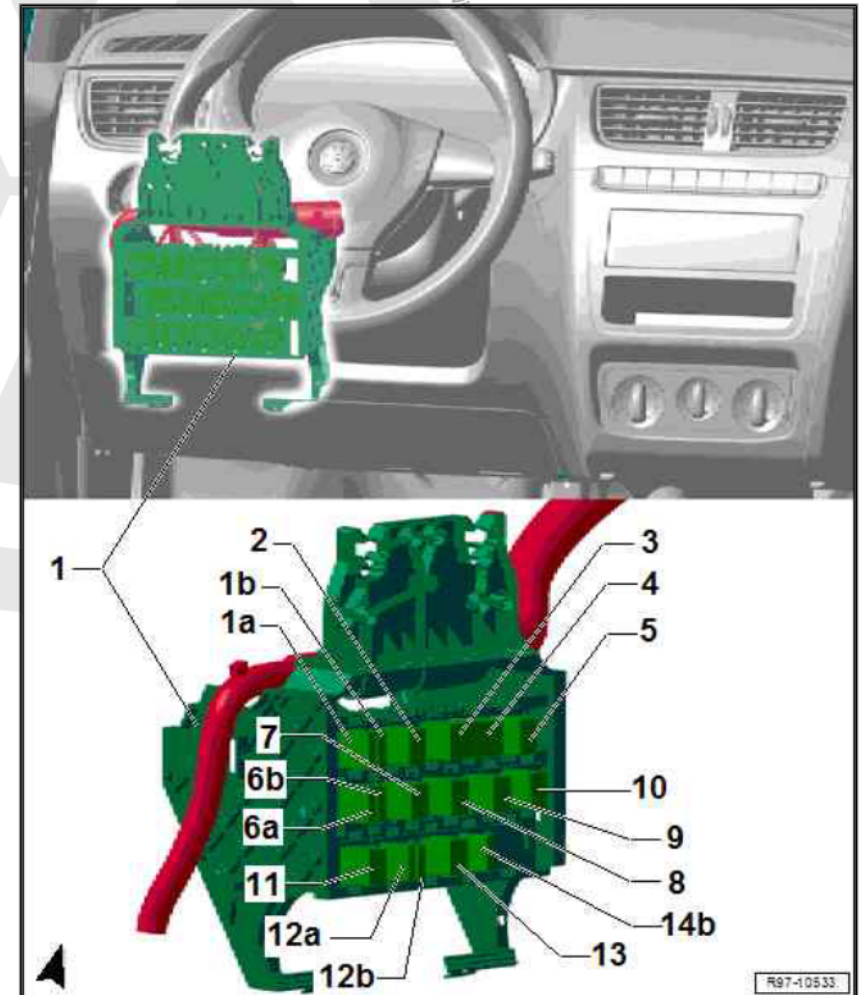
□ Colour: Black

#### 10 - Radiator fan 2nd speed relay -J101-

□ Colour: Black

#### 11 - Fuel pump relay -J17-

□ Colour: Black



12a - Cold start device relay -J41-

☐ Colour: Grey

12b - Fog light relay -J5-

☐ Colour: Black

13 - Terminal 15 relief relay -J404-

☐ Colour: Black

14b - Headlight main beam relay -J12-

☐ Colour: Grey



Note

◆ <sup>1)</sup>For CSEA, CFZA and CCRA engines

◆ <sup>2)</sup>Only for CPBA engine

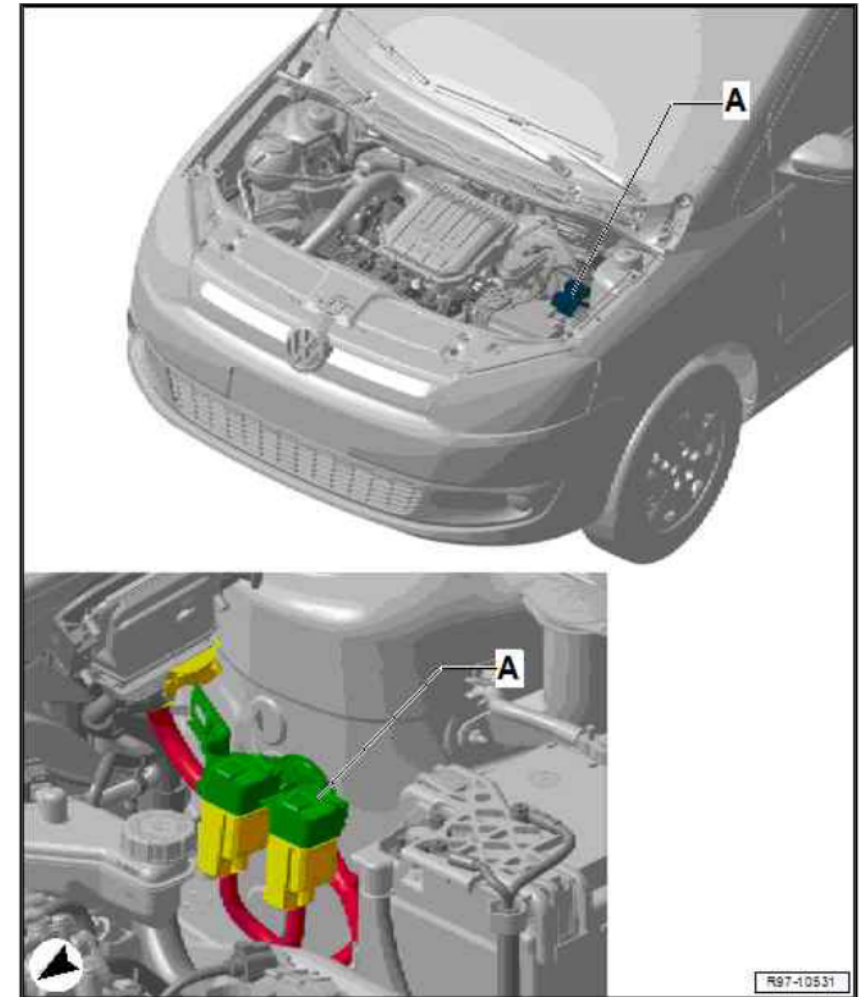
1.3 Left engine compartment relay, as of June 2013

1.3.1 Relay description, as of June 2013:



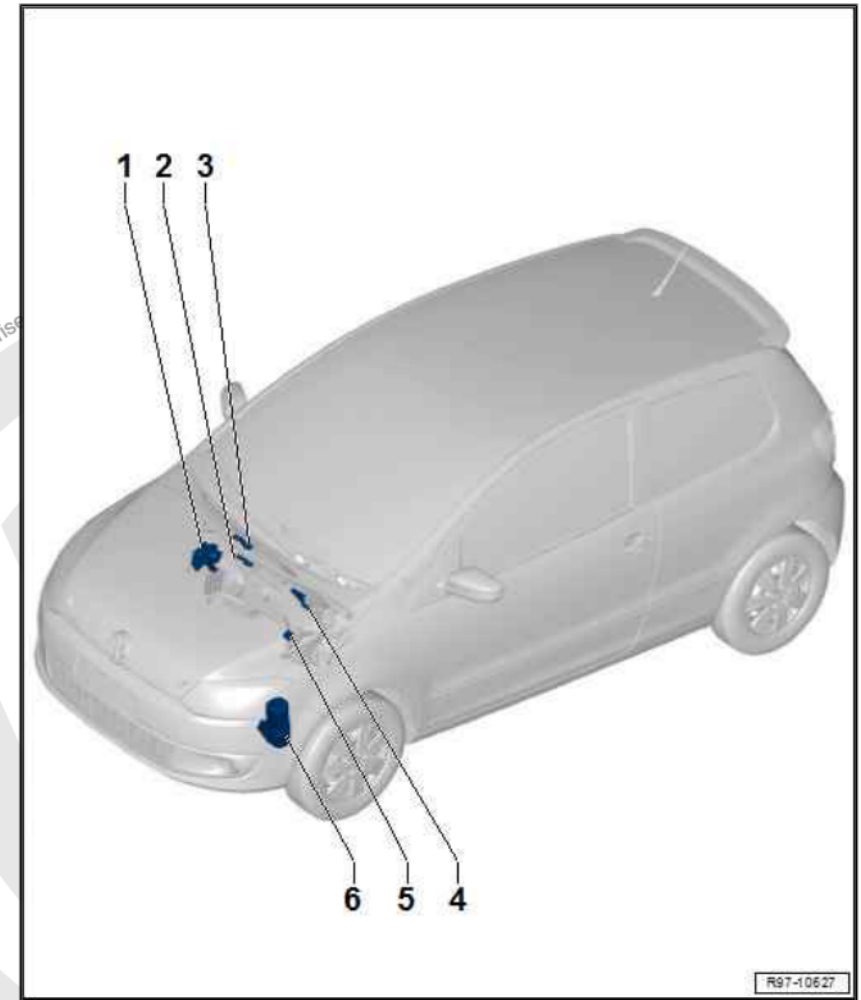
A - Glow plug relay -J52-

□ Colour: Black



## 1 Control units

- 1 - ABS control unit -J104-  
☐ Fitting Location: ⇒ [page 2](#)
- 2 - Automatic gearbox control unit -J217-  
☐ Fitting Location: ⇒ [page 5](#)
- 3 - Engine control unit -J623-  
☐ Fitting Location: ⇒ [page 8](#) <sup>2)</sup>
- 4 - Engine control unit -J623-  
☐ Fitting Location: ⇒ [page 10](#) <sup>1)</sup>
- 5 - Heater control unit -J65-  
☐ Fitting Location: ⇒ [page 11](#) <sup>3)</sup>
- 6 - Power steering control unit -J500-  
☐ Fitting Location: ⇒ [page 12](#) <sup>3)</sup>





Note

- ◆ <sup>1)</sup>For 1.0L engine only
- ◆ <sup>2)</sup>For 1.6L engine only
- ◆ <sup>3)</sup>For CSEA engine only

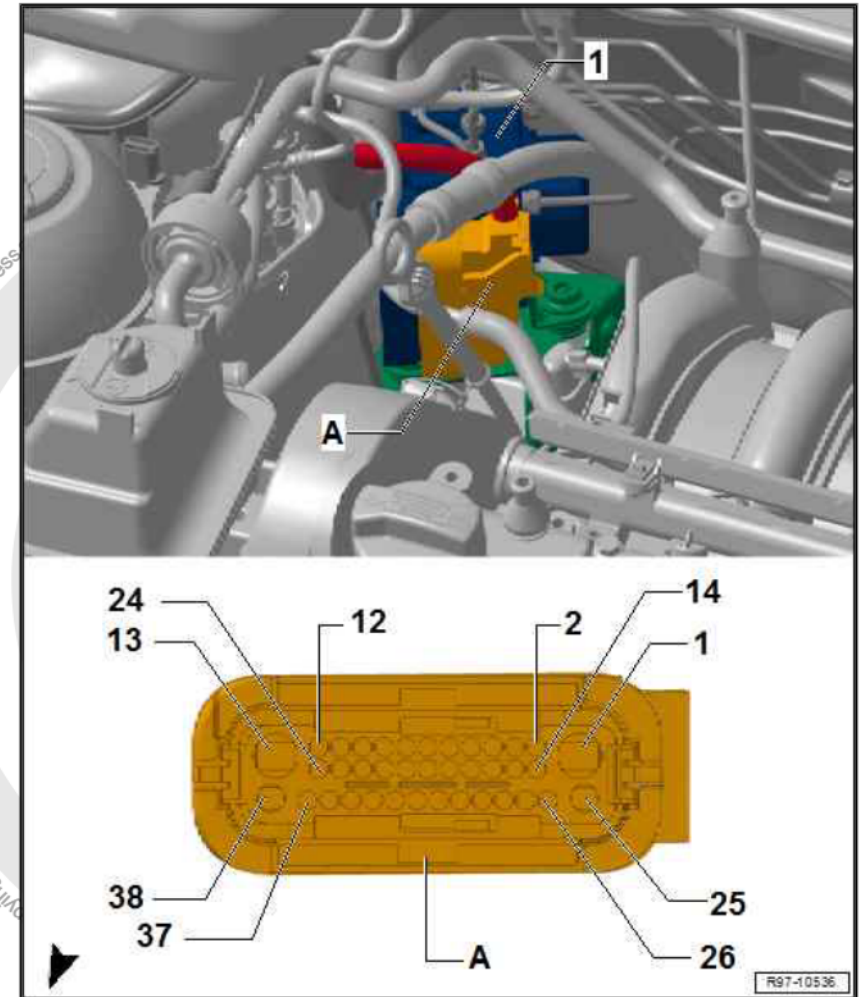
## 1.1 ABS control unit -J104-

### 1.1.1 Fitting location:



1 - ABS control unit -J104-

A - 38-pin connector, in the ABS control unit -T38a-



### 1.1.2 Connector description: ABS control unit -J104-

T38a	-	Function
1	-	Fuse 5 (30), in battery fuse holder -S177-
2	-	--
3	-	--
4	-	Front right speed sensor -G45-
5	-	--



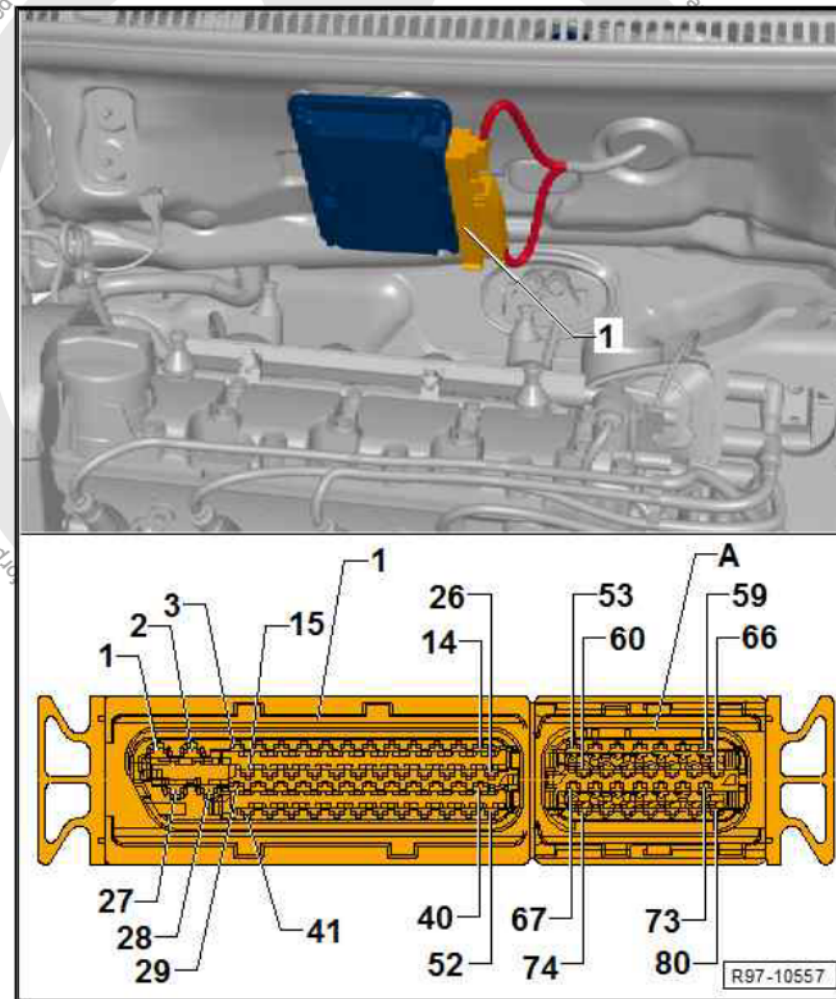
6	-	--
7	-	--
8	-	Front left speed sensor -G47-
9	-	--
10	-	--
11	-	--
12	-	--
13	-	Terminal 31
14	-	CAN-Bus, Low
15	-	--
16	-	Front right speed sensor -G45-
17	-	Rear right speed sensor -G44-
18	-	Rear left speed sensor -G46-
19	-	Front left speed sensor -G47-
20	-	--
21	-	--
22	-	--
23	-	--
24	-	--
25	-	Fuse 12 (30), in battery fuse holder -S270-
26	-	CAN-Bus, High
27	-	--
28	-	Fuse 24 on fuse holder A -SA24-
29	-	Rear right speed sensor -G44-
30	-	Brake pedal switch -F47- , Brake light switch -F- , Engine control unit -J623-
31	-	Front right speed sensor -G46-
32	-	--
33	-	--
34	-	--
35	-	--
36	-	--
37	-	--
38	-	Terminal 31

## 1.2 Automatic gearbox control unit -J217-

### 1.2.1 Fitting location:

1 - Automatic gearbox control unit -J217-

A - 80-pin connector, in the automatic gearbox control unit -T80b-



## 1.2.2 Connector Description: Automatic gearbox control unit -J217-

T80b	-	Function
1	-	Terminal 31
2	-	Terminal 31, solenoid valves
3	-	--
4	-	--
5	-	--
6	-	--
7	-	--
8	-	--
9	-	--
10	-	--
11	-	--
12	-	Gear detection sensor -G604-
13	-	Gear detection sensor -G604-
14	-	--
15	-	--
16	-	--
17	-	--
18	-	--
19	-	--
20	-	--
21	-	--
22	-	--
23	-	--
24	-	Gear detection sensor -G604-
25	-	Gear detection sensor -G604-
26	-	--
27	-	Fuse 8 (30), in battery fuse holder -S180-
28	-	Fuse 9 on fuse holder A -SA9-
29	-	Selector lever valve 3 -N286-
30	-	--
31	-	Gearbox hydraulic pump relay -J510-

32	-	Selector lever valve 1 -N284-
33	-	CAN-Bus, Low
34	-	Sensor 2 for gear detection -G616-
35	-	Sensor 2 for gear detection -G616-
36	-	--
37	-	--
38	-	Gearbox input speed sender -G182-
39	-	--
40	-	Gearbox hydraulic pressure sensor -G270-
41	-	--
42	-	Engine control unit -J623-
43	-	Clutch actuator valve -N255-
44	-	Selector lever valve 2 -N285-
45	-	CAN-Bus, High
46	-	Sensor 2 for gear detection -G616-
47	-	Sensor 2 for gear detection -G616-
48	-	--
49	-	Diagnosis terminal - K
50	-	Gearbox input speed sender -G182-
51	-	--
52	-	Clutch position sender -G476-
53	-	--
54	-	--
55	-	--
56	-	--
57	-	--
58	-	--
59	-	Gearbox hydraulic pressure sender -G270-
60	-	--
61	-	Clutch position sender -G476-
62	-	Handbrake warning switch -F9- , Dash panel insert -K-
63	-	--
64	-	--
65	-	Clutch position sender -G476-

66	-	--
67	-	--
68	-	--
69	-	Onboard supply control unit -J519-
70	-	--
71	-	--
72	-	--
73	-	Clutch position sender -G476-
74	-	--
75	-	--
76	-	Terminal 50, Onboard supply control unit -J519-
77	-	--
78	-	--
79	-	Gearbox hydraulic pressure sender -G270-
80	-	--

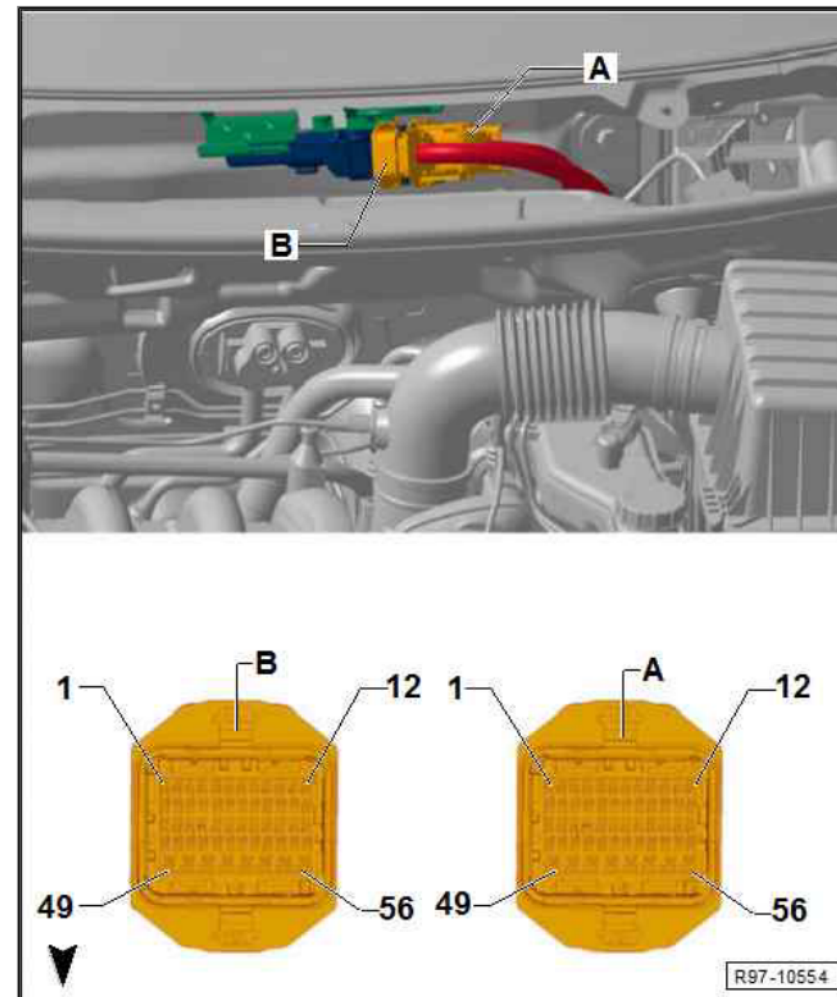
### 1.3 Engine control unit -J623-

#### 1.3.1 Fitting location:

1 - Engine control unit -J623-

A - 56-pin connector -T56a-

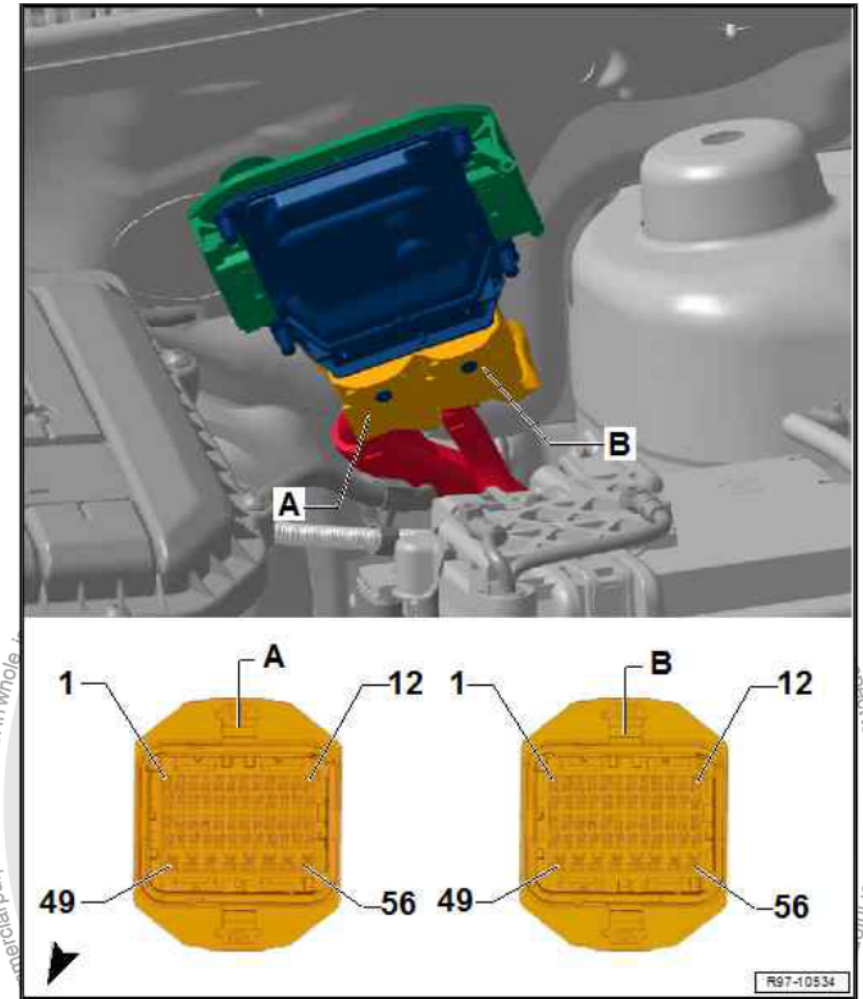
B - 56-pin connector -T56b-



1.4 Engine control unit -J623-

1.4.1 Fitting location:

- 1 - Engine control unit -J623-
- A - 56-pin connector -T56a-
- B - 56-pin connector -T56b-

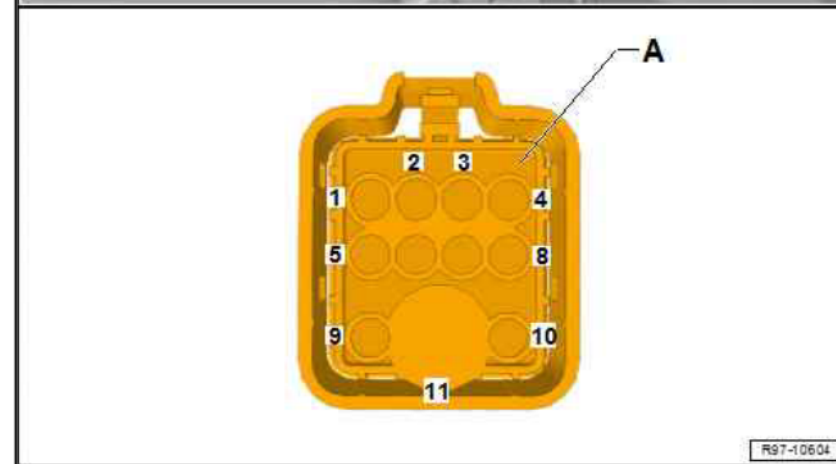
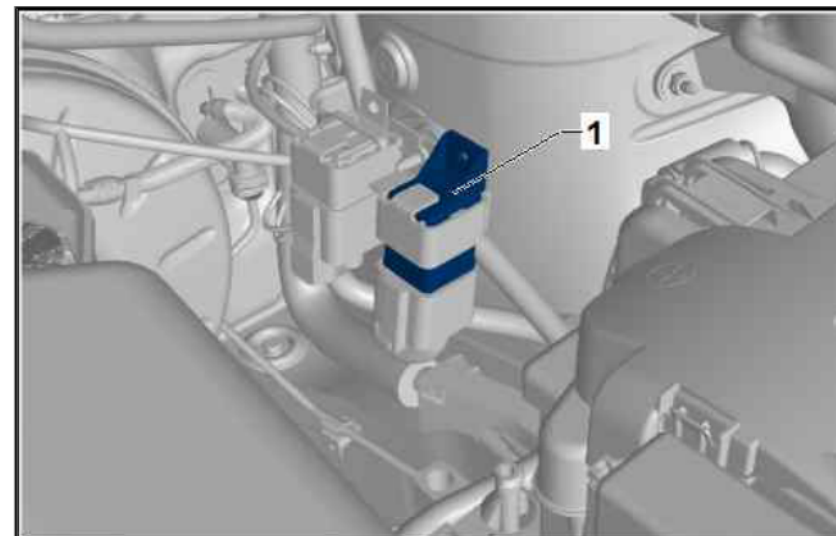


1.5 Heater control unit -J65-

1.5.1 Fitting location:

1 - Heater control unit -J65-

A - 11-pin connector -T11a-



### 1.5.2 Connector description: Heater control unit -J65-

T11a	-	Function
1	-	Fuel pre-heating heater element -Z66-
2	-	Fuel preheating element 2 -Z108-
3	-	Fuel preheating element 3 -Z109-



4	-	--
5	-	--
6	-	Glow plug relay -J52-
7	-	--
8	-	--
9	-	--
10	-	Engine control unit -J623-
11	-	Glow plug relay -J52-

## 1.6 Power steering control unit -J500-

### 1.6.1 Fitting location:

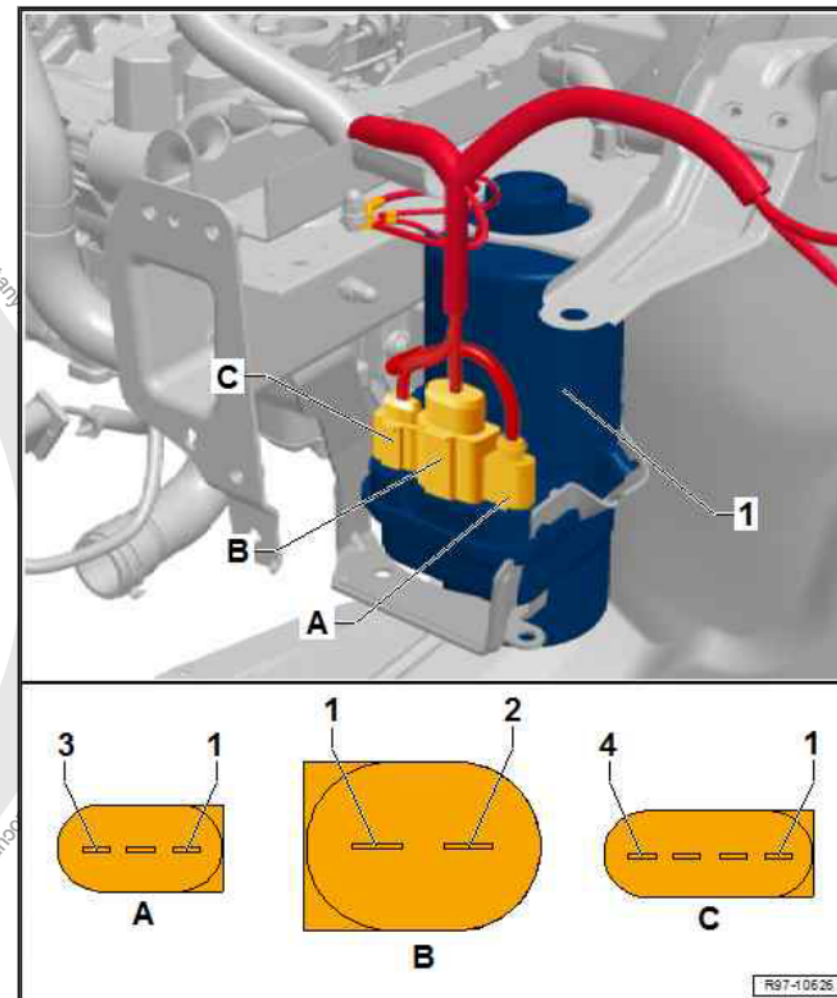


1 - Power steering control unit -J500-

A - 3-pin connector -T3d-

B - 2-pin connector -T2ah-

C - 4-pin connector -T4b-



### 1.6.2 Connector description: Power steering control unit -J500-

T3d	-	Function	-	T2ah	-	Function	-	T4b	-	
1	-	Power steering sensor -G250-	-	1	-	Terminal 30, Fuse 4 (30), in battery fuse holder -S176-	-	1	-	CAN-Bus, Low
2	-	Power steering sensor -G250-	-	2	-	Terminal 31	-	2	-	CAN-Bus, High
3	-	Power steering sensor -G250-	-	-	-	-	-	3	-	-

-	-	-	-	-	-	-	4	-	Terminal 15, Fuse 10 on fuse holder A -SA10-
---	---	---	---	---	---	---	---	---	---



## 1 Control units

### 1 - Onboard supply control unit -J519-

❑ Fitting Location: ⇒ [page 2](#) <sup>1)</sup>

❑ Fitting Location: ⇒ [page 6](#) <sup>2)</sup>

### 2 - Control unit in dash panel insert -J285-

❑ Fitting Location: ⇒ [page 9](#)

### 3 - Central control unit for window regulators -J1015-

❑ Fitting Location: ⇒ [page 11](#)

### 4 - Airbag control unit -J234-

❑ Fitting Location: ⇒ [page 13](#)

### 5 - Air conditioning system control unit -J301-

❑ Fitting Location: ⇒ [page 15](#)

### 6 - Sliding sunroof adjustment control unit -J245-

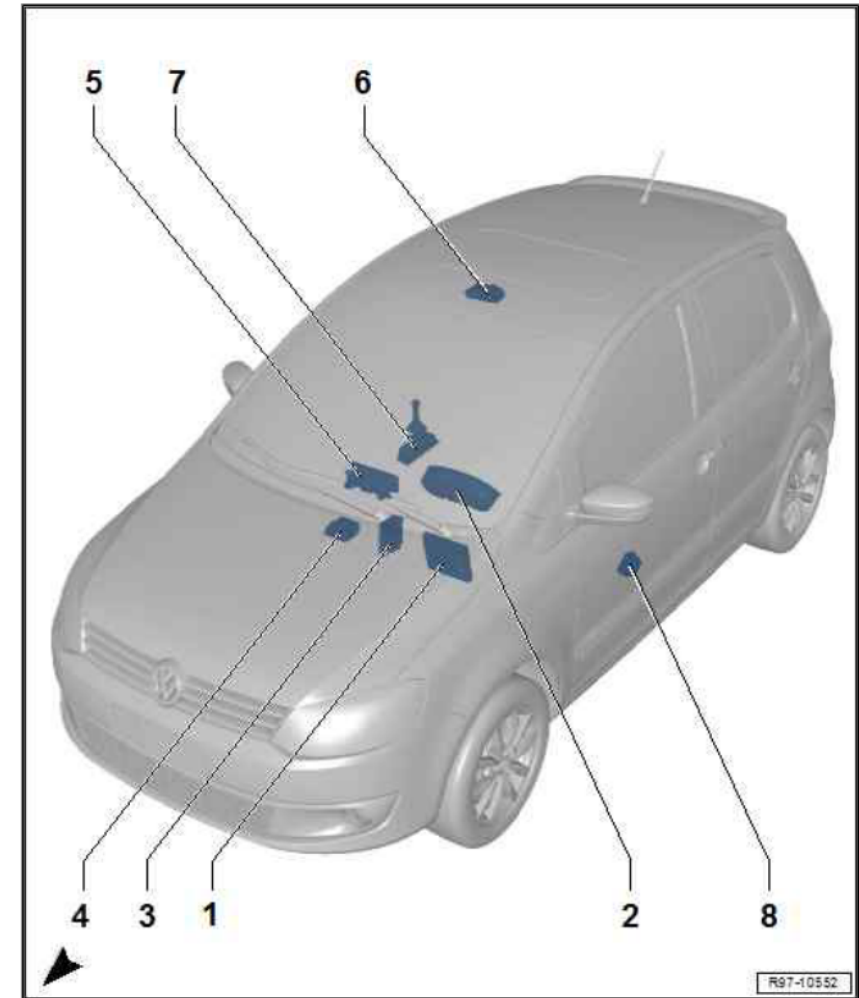
❑ Fitting Location: ⇒ [page 16](#)

### 7 - Selector lever sensors control unit -J587-

❑ Fitting Location: ⇒ [page 18](#)

### 8 - Parking aid control unit -J446-

❑ Fitting Location: ⇒ [page 19](#)





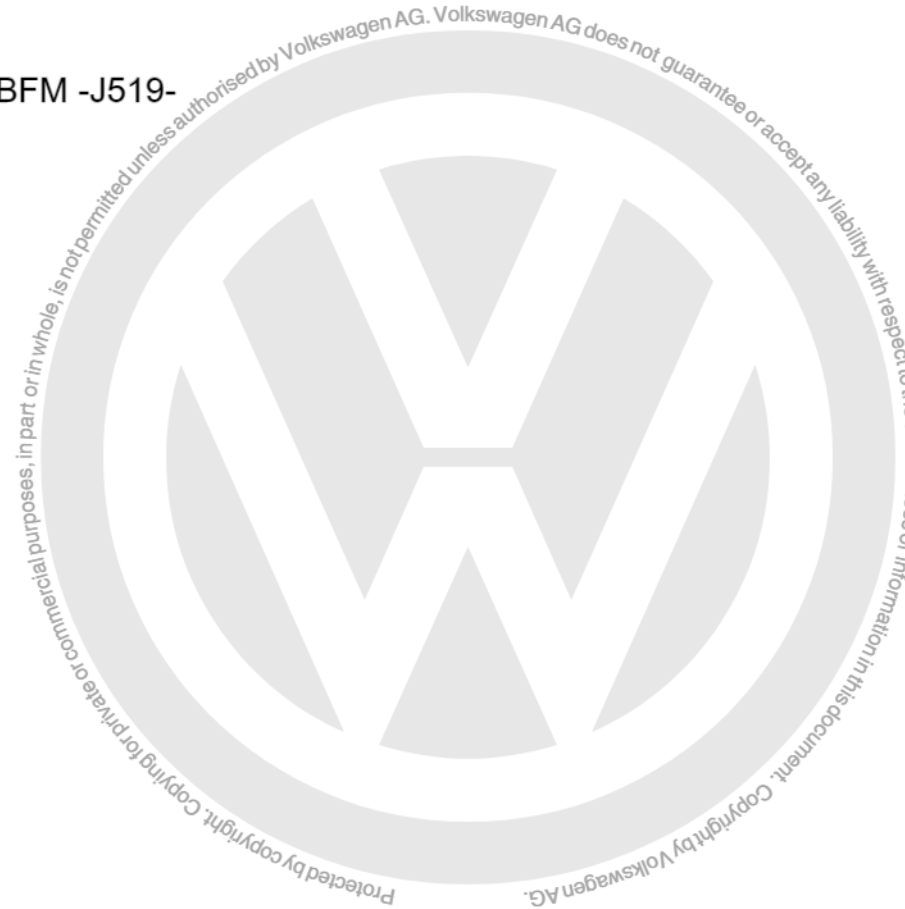
Note

♦ <sup>1)</sup> Only for vehicles equipped with BFM

♦ <sup>2)</sup> Only for vehicles equipped with BCM

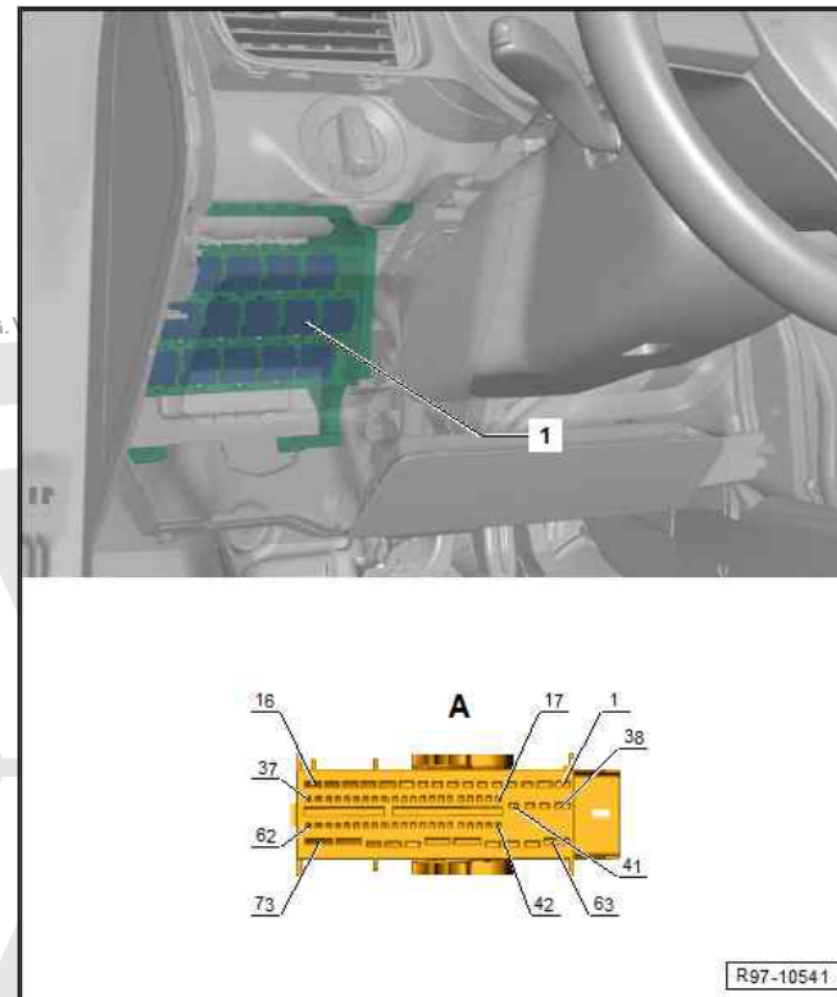
## 1.1 Onboard network control unit: BFM -J519-

### 1.1.1 Fitting location:



1 - Onboard supply control unit -J519-

A - 73-pole fitting connector in the onboard control unit -T73a-



### 1.1.2 Connector description: Onboard network control unit: BFM -J519-

T73a	-	Function
1	-	Windscreen wiper motor -V-
2	-	Windscreen wiper motor -V-
3	-	Terminal 31
4	-	Front interior light -W1-
5	-	--

6	-	--
7	-	--
8	-	--
9	-	Terminal 30, Fuse 40 in fuse holder B -SB40-
10	-	Rear tailgate unlocking motor -V139- , Central control unit for window control -J1015-
11	-	Terminal 31
12	-	Terminal 30, Fuse 16 of fuse holder A -SA16-
13	-	--
14	-	Terminal 31
15	-	Rear right central locking system motor -V308- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307-
16	-	Front passenger door central locking system motor -V303- , Rear right central locking system motor -V308-
17	-	--
18	-	--
19	-	--
20	-	Central control unit for window control -J1015- , Alarm system ultrasound sensor -G209- , Rear window wiper motor -E34-
21	-	Heated rear window button -E230-
22	-	--
23	-	--
24	-	Alarm horn relay -J641-
25	-	Hazard warning light switch -E3-
26	-	Dash panel insert -K-
27	-	Diagnosis terminal - CAN High
28	-	Diagnosis terminal - CAN Low
29	-	CAN-Bus, High
30	-	CAN-Bus, Low
31	-	Bonnet contact switch for the alarm system -F120-
32	-	Driver side interior locking switch -E150-
33	-	Alarm system ultrasound sensor -G209-
34	-	Rear lid release switch -E165-
35	-	Driver door central locking system motor -V302-
36	-	Driver door central locking system motor -V302-
37	-	Central control unit for window control -J1015- , Rear tailgate unlocking motor -V139-
38	-	Terminal 31

39	-	--
40	-	--
41	-	--
42	-	Terminal 30, Fuse 9 (30) of the battery fuse carrier -S267-
43	-	Terminal 31
44	-	Windscreen wiper motor -V-
45	-	Engine control unit -J623- , Brake pedal switch -F47-
46	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
47	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
48	-	Folding exterior mirror control unit -J351- , Reverse gear light switch -F4-
49	-	Dash panel insert -K-
50	-	Alternator -C- , Voltage regulator -C1-
51		Terminal 15, Fuse 38 in fuse holder B -SB38- , Relief relay of terminal 15 -J404-
52	-	Terminal 50, Automatic gearbox control unit -J217-
53	-	Terminal S, Fuse 2 in fuse holder A -SA2-
54	-	Rear window wiper motor -V12- , Rear window and windscreen washer pump -V59-
55	-	Heated rear window button -E230-
56	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
57	-	Turn signal switch -E2-
58	-	Turn signal switch -E2-
59	-	Airbag coil connector and return ring with slip ring -F138-
60	-	Hazard warning light switch -E3-
61	-	Driver door contact switch -F2-
62	-	Passenger door contact switch -F3- , Rear left door contact switch -F10- , Rear right door contact switch -F11-
63	-	Terminal 30, Fuse 29 in fuse holder B -SB29-
64	-	Front right turn signal bulb -M7-
65	-	Fuse 25 on fuse holder B -SB25-
66	-	Front left turn signal bulb -M5-
67	-	Horn or dual tone horn -H1-
68	-	Fuse 41 on fuse holder B -SB41-
69	-	Left brake light lamp -M9- , Right brake light lamp -M10-
70	-	--
71	-	--
72	-	Rear window defogger -Z1-



73	-	Fuse 6 of fuse holder A -SA6-
----	---	-------------------------------

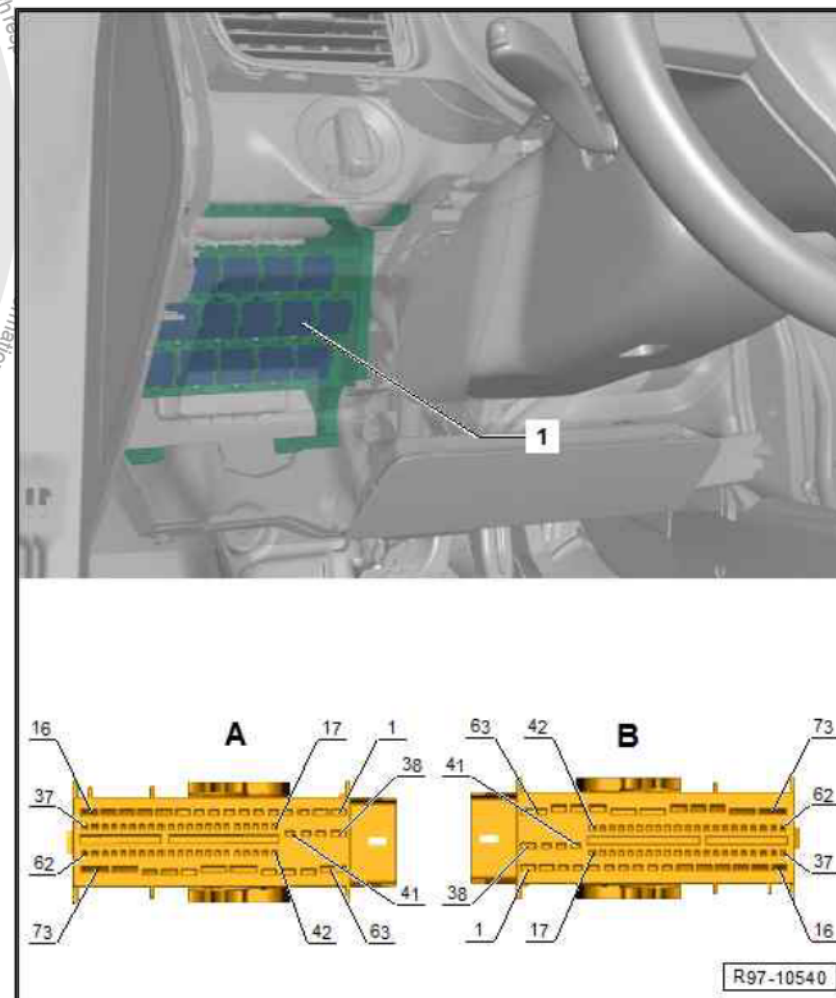
## 1.2 Onboard network control unit: BCM -J519-

### 1.2.1 Fitting location:

1 - Onboard supply control unit -J519-

A - 73-pole fitting connector in the onboard control unit -T73b-

B - 73-pole fitting connector in the onboard control unit -T73c-



## 1.2.2 Connector description: Onboard network control unit: BCM -J519-

T73b	-	Function	-	T73c	-	Function
1	-	Headlight main beam relay -J12-	-	1	-	--
2	-	Left headlight dipped beam bulb -M29- , Sealed left headlight double-filament lamp -L1-	-	2	-	Right headlight twin filament bulb -L2- , Right dipped beam lamp -M31-
3	-	--	-	3	-	--
4	-	Internal lighting, Front internal light -W1-	-	4	-	Dash panel insert -K-
5	-	--	-	5	-	--
6	-	Fog light lamp -L20- , Fog lights switch -E23- , Instrument cluster -K-	-	6	-	--
7	-	Front and rear fog light switch -E23-	-	7	-	Number plate light -X-
8	-	--	-	8	-	--
9	-	--	-	9	-	Left main beam headlight and fog light bulb -M94- , Right fog light lamp -L23-
10	-	Rear tailgate unlocking motor -V139- , Central control unit for window control -J1015- , Spare wheel unlocking motor -V340-	-	10	-	Right main beam headlight and fog light bulb -M95- , Left fog light lamp -L22-
11	-	Front passenger door central locking system motor -V303- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307- , Rear right central locking system motor -V308-	-	11	-	Terminal 30, Fuse 1 of fuse holder A -SA1-
12	-	Driver door central locking system motor -V302-	-	12	-	--
13	-	--	-	13	-	Terminal 30, Fuse 25 in fuse holder B -SB25-
14	-	Terminal 31	-	14	-	Front left turn signal bulb -M5- , Rear left turn signal lamp -M6-
15	-	Front passenger door central locking system motor -V303- , Driver door central locking system motor -V302- , Rear left central locking system motor -V307- , Rear right central locking system motor -V308-	-	15	-	Front right turn signal bulb -M7- , Rear right turn signal lamp -M8-
16	-	Terminal 30, Fuse 16 of fuse holder A -SA16-	-	16	-	Left brake light lamp -M9- , Right brake light lamp -M10- , Automatic gearbox control unit -J217-
17	-	Driver door central locking system motor -V302-	-	17	-	Central control unit for window control -J1015- , Alarm system ultrasound sensor -G209- , Rear window wiper motor -E34-
18	-	Driver door central locking system motor -V302-	-	18	-	CAN-Bus, Low
19	-	Driver door contact switch -F2-	-	19	-	CAN-Bus, High
20	-	Passenger door contact switch -F3-	-	20	-	Radio -R-
21	-	Driver door central locking system motor -V302-	-	21	-	Radio -R-
22	-	Driver door central locking system motor -V302-	-	22	-	Diagnosis terminal, CAN-Low
23	-	Rear lid release switch -E165- , Spare wheel unlocking switch -E405- , Spare wheel unlocking support switch -E727-	-	23	-	Diagnosis terminal, CAN-High

24	-	Driver door central locking system motor -V302-	-	24	-	Right alarm ultrasound sensor -G171- , Alarm system ultrasound sensor -G209- , Rain sensor and photodetector -G397-
25	-	Driver side interior locking switch -E150-	-	25	-	--
26	-	Rear right door contact switch -F11-	-	26	-	--
27	-	Bonnet contact switch switch for the alarm system -F120-	-	27	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
28	-	Hazard warning light switch -E3-	-	28	-	--
29	-	Airbag coil connector and return ring with slip ring -F138-	-	29	-	--
30	-	Central control unit for window control -J1015- , Rear tailgate unlocking motor -V139-	-	30	-	Left ultrasonic sensor for anti-theft alarm system -G170-
31	-	--	-	31	-	Heated rear window button -E230-
32	-	Turn signal switch -E2-	-	32	-	Windscreen wiper motor -V-
33	-	Turn signal switch -E2-	-	33	-	--
34	-	Rear left door contact switch -F10-	-	34	-	Dash panel insert -K- , Light switch illumination lamp -L9- ,
35	-	Sliding sunroof adjustment control unit -J245-	-	35	-	--
36	-	--	-	36	-	--
37	-	Light switch -E1-	-	37	-	--
38	-	--	-	38	-	Terminal 31
39	-	Terminal 31	-	39	-	Terminal 30, Fuse 40 in fuse holder B -SB40-
40	-	Right side light bulb -M3- , Rear right lamp -M2-	-	40	-	Terminal 31
41	-	Left side light bulb -M1- , Rear left lamp -M4-	-	41	-	--
42	-	Terminal S, Fuse 2 in fuse holder A -SA2-	-	42	-	--
43	-	Engine control unit -J623- , Brake pedal switch -F47-	-	43	-	Light switch -E1-
44	-	Terminal 15, Fuse 38 in fuse holder B -SB38- , Relief relay of terminal 15 -J404-	-	44	-	--
45	-	Light switch -E1-	-	45	-	--
46	-	--	-	46	-	--
47	-	--	-	47	-	--
48	-	Sliding sunroof adjustment control unit -J245-	-	48	-	Folding exterior mirror control unit -J351- , Reverse gear light switch -F4- , Left reverse gear light lamp -M16- , Right reverse gear light lamp -M17-
49	-	--	-	49	-	Alternator -C- , Voltage regulator -C1-
50	-	--	-	50	-	Automatic gearbox control unit -J217- , Starter -B- , Ignition switch -D- , Engine control unit -J623-
51	-	--	-	51	-	Ignition/starter switch -D- , Relief relay for contact X -J59- , Relief relay 2 of contact X -J339-
52	-	--	-	52	-	Light switch -E1-
53	-	Alarm horn relay -J641-	-	53	-	Windscreen wiper delay relay switch (intermittent operation) -E22-

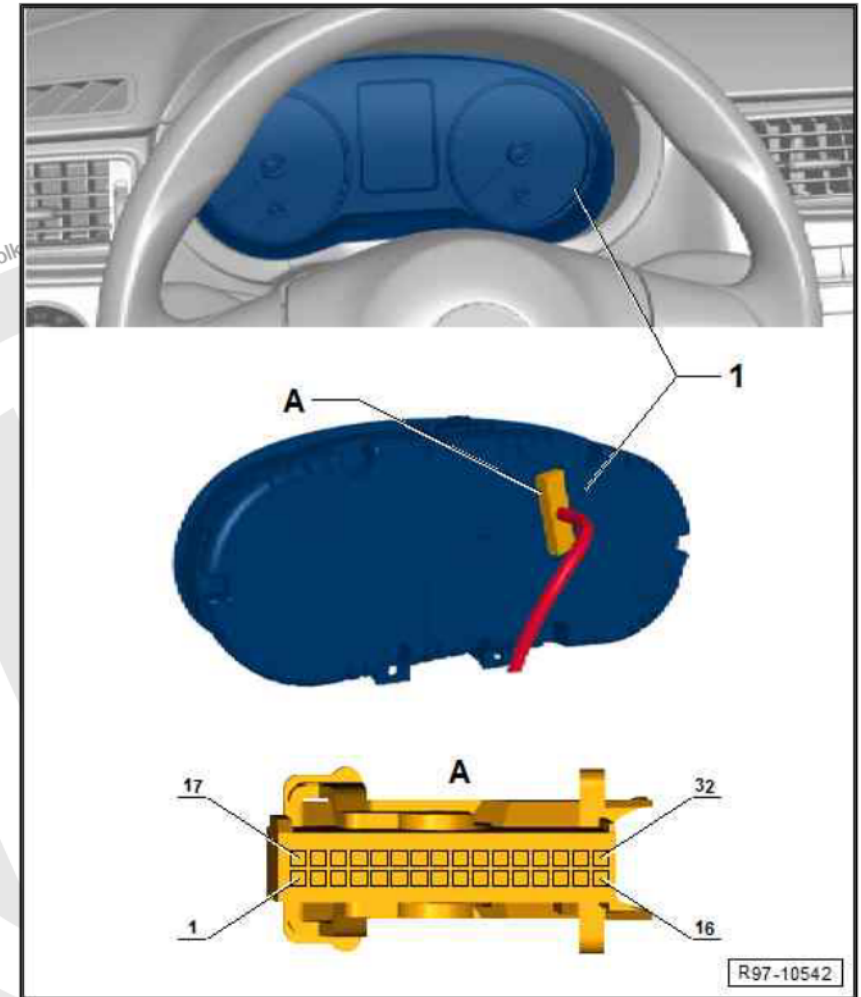
54	-	--	-	54	-	CAN-Bus, High
55	-	--	-	55	-	--
56	-	Hazard warning light switch -E3-	-	56	-	--
57	-	Left ultrasonic sensor for anti-theft alarm system -G170-	-	57	-	CAN-Bus, Low
58	-	Dash panel insert -K-	-	58	-	--
59	-	--	-	59	-	Terminal 30, Fuse 9 (30) of the battery fuse carrier -S267-
60	-	Heated rear window button -E230-	-	60	-	Terminal 31
61	-	--	-	61	-	Rear window wiper motor -V12- , Rear window and windscreen washer pump -V59- , Windscreen wiper delay relay control -E38-
62	-	Relay 2 for long-range headlights -J1062- , Fog lights relay -J5- , Turn light/flashing light switch -E2-	-	62	-	Windscreen wiper delay relay switch (intermittent operation) -E22-
63	-	Terminal 30, Fuse 36 in fuse holder B -SB36-	-	63	-	Rear window defogger -Z1-
64	-	--	-	64	-	--
65	-	Internal lighting, Rear left reading light -W11- , Rear right reading lamp -W12-	-	65	-	--
66	-	Internal lighting, Alarm system ultrasound sensor -G209- , Right alarm ultrasound sensor -G171- , Rain sensor and photodetector -G397-	-	66	-	--
67	-	--	-	67	-	Terminal 30, Fuse 6 of fuse holder A -SA6-
68	-	Terminal 30, Fuse 29 in fuse holder B -SB29-	-	68	-	Terminal 30, Fuse 47 on fuse holder B -SB47-
69	-	Windscreen wiper motor -V-	-	69	-	--
70	-	Terminal 31	-	70	-	--
71	-	Windscreen wiper motor -V-	-	71	-	--
72	-	Horn or dual tone horn -H1-	-	72	-	--
73	-	Terminal 30, Fuse 41 on fuse holder B -SB41-	-	73	-	--

### 1.3 Control unit in dash panel insert -J285-

#### 1.3.1 Fitting location:

1 - Control unit in dash panel insert -J285-

A - 32-pole fitting connector in the instrument cluster -T32a-



### 1.3.2 Connector description: Control unit in dash panel insert -J285-

T32a	-	Function
1	-	Fuel gauge sensor
2	-	--
3	-	--
4	-	Terminal 58d
5	-	Terminal 58

6	-	--
7	-	Immobilizer reading coil
8	-	Immobilizer reading coil
9	-	Speed sensor
10	-	--
11	-	--
12	-	--
13	-	Fog lights
14	-	Main beam
15	-	Alarm
16	-	Terminal 31
17	-	--
18	-	--
19	-	External temperature sensor
20	-	Terminal 31, Sensors mass
21	-	Multifunctional (MFA) above
22	-	Multifunctional (MFA) below
23	-	Multifunctional (MFA) enter
24	-	--
25	-	Handbrake control switch
26	-	Brake oil level warning contact
27	-	Oil pressure switch
28	-	CAN-Bus, High
29	-	CAN-Bus, Low
30	-	--
31	-	Terminal 15
32	-	Terminal 30

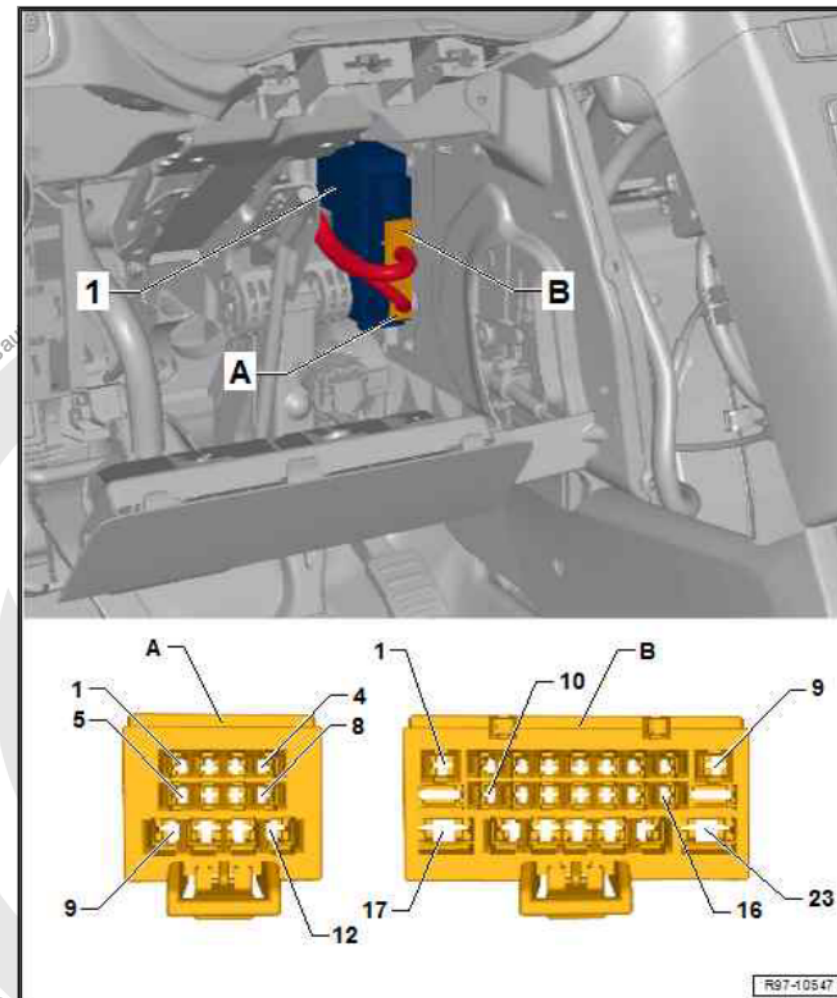
#### 1.4 Central control unit for window control -J1015-

##### 1.4.1 Fitting location:

1 - Central control unit for window control -J1015-

A - 12-pole fitting connector in the window control central control unit -T12g-

B - 23-pole fitting connector in the window control central control unit -T23b-



#### 1.4.2 Connector description: Central control unit for window control -J1015-

T12g	-	Function	-	T23b	-	Function
1	-	Rear window control blocking switch -E39-	-	1	-	Terminal 31
2	-	Rear window control blocking switch -E39-	-	2	-	Onboard supply control unit -J519-
3	-	--	-	3	-	--
4	-	Rear window control blocking switch -E39-	-	4	-	--
5	-	Rear left window control switch, driver side -E53-	-	5	-	--

6	-	Rear left window control switch -E52-	-	6	-	--
7	-	Rear left window control switch, driver side -E53-	-	7	-	Front right window control switch, driver side -E81-
8	-	Rear right window control switch -E54-	-	8	-	--
9	-	Rear left window control motor -V26-	-	9	-	Terminal 31
10	-	Rear left window control motor -V26-	-	10	-	--
11	-	Rear right window control motor -V27-	-	11	-	--
12	-	Rear right window control motor -V27-	-	12	-	Diagnosis terminal - K
--	-	--	-	13	-	--
--	-	--	-	14	-	--
--	-	--	-	15	-	Front right window control switch, driver side -E81-
--	-	--	-	16	-	Passenger door window control switch -E107-
--	-	--	-	17	-	--
--	-	--	-	18	-	--
--	-	--	-	19	-	Driver window control motor -V147-
--	-	--	-	20	-	Driver window control motor -V147-
--	-	--	-	21	-	Passenger window activation motor -V148-
--	-	--	-	22	-	Passenger window activation motor -V148-
--	-	--	-	23	-	Terminal 30, Fuse 22 of fuse holder A -SA22-

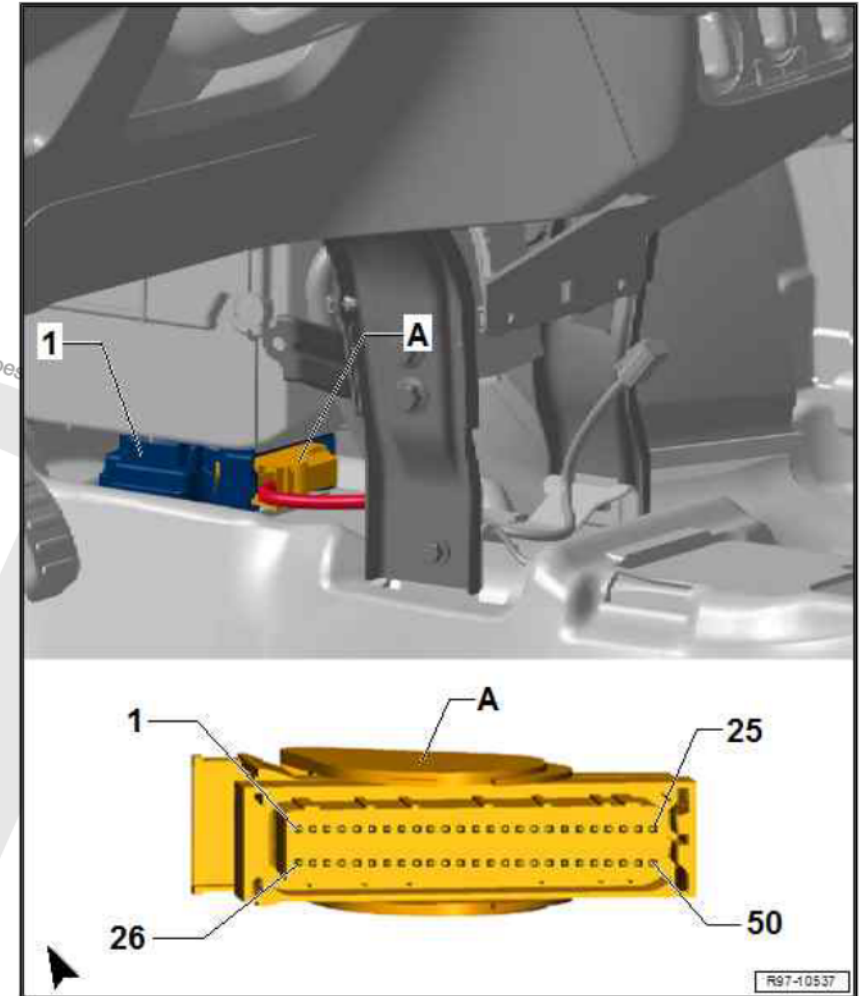
1.5 Airbag control unit -J234-

1.5.1 Fitting location:



1 - Airbag control unit -J234-

A - 50-pin connector in the airbag control unit -T50a-



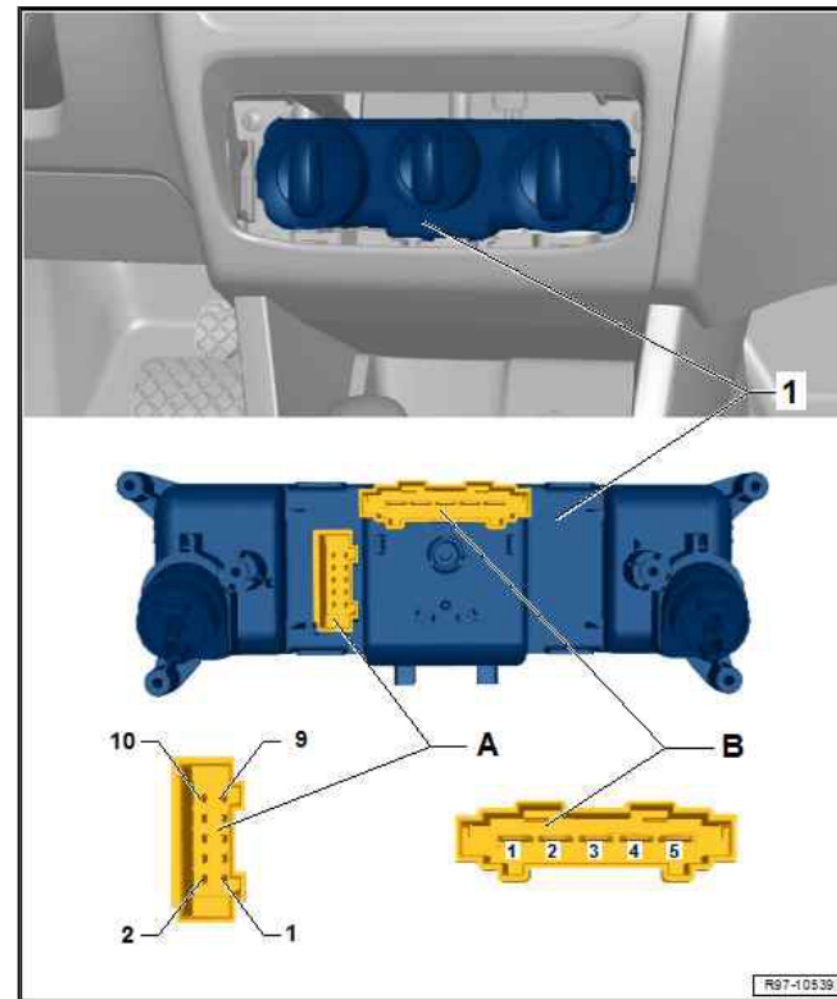
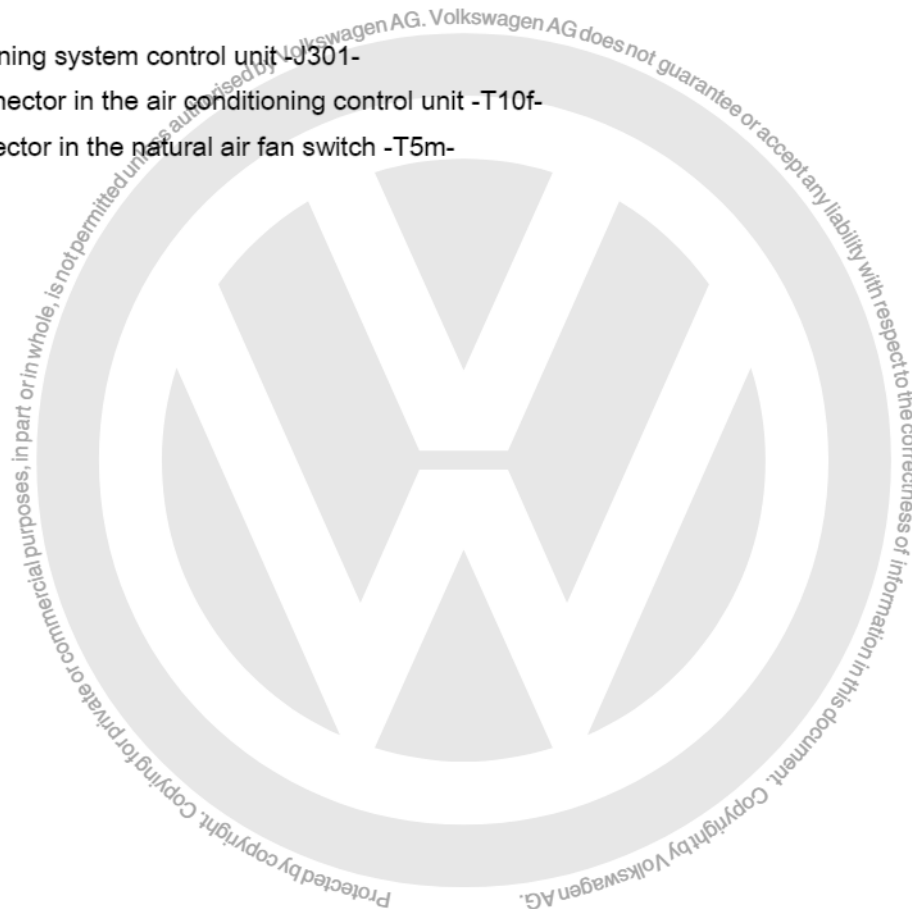
1.6 Air conditioning system control unit -J301-

1.6.1 Fitting location:

1 - Air conditioning system control unit -J301-

A - 10-pin connector in the air conditioning control unit -T10f-

B - 5-pin connector in the natural air fan switch -T5m-



### 1.6.2 Connector description: Air conditioning system control unit -J301-

T5m	-	Function	-	T10f	-	Function
1	-	Blower level 4 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	1	-	--
2	-	Blower level 3 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	2	-	--

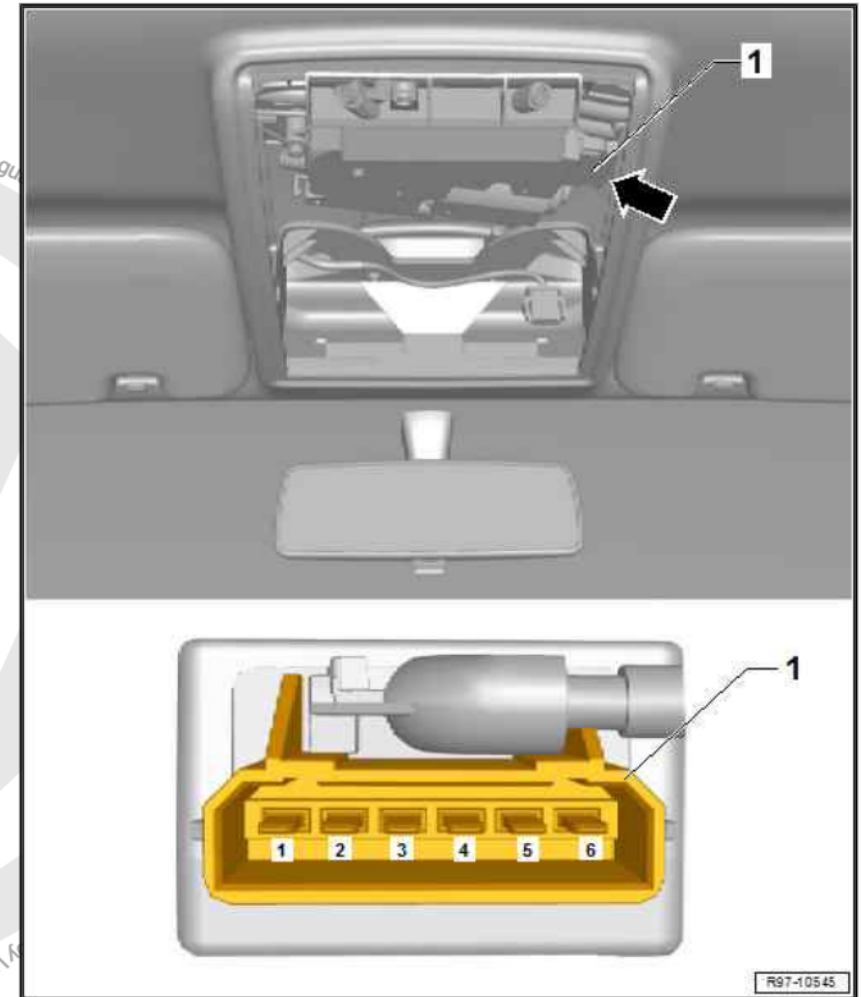
3	-	Blower level 2 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	3	-	Fresh air and air recirculation flap control motor -V154-
4	-	Blower level 1 Pre-resistance of the natural air fan w/ overheating fuse -N24-	-	4	-	Fresh air and air recirculation flap control motor -V154-
5	-	Power output +12V	-	5	-	Terminal 31
-	-	--	-	6	-	Air compressor -V534-
-	-	--	-	7	-	Engine control unit -J623-
-	-	--	-	8	-	Fresh air blower switch -E9- , Pre-resistance of the natural air fan w/ overheating fuse -N24-
-	-	--	-	9	-	Onboard supply control unit -J519-
-	-	--	-	10	-	Fresh air and air recirculation flap control motor -V154-

## 1.7 Sliding sunroof adjustment control unit -J245-

### 1.7.1 Fitting location:

1 - Sliding sunroof adjustment control unit -J245-

A - 6-pin connector in the sunroof movement control unit -T6ab-



### 1.7.2 Connector description: Sliding sunroof adjustment control unit -J245-

T6ab	-	Function
1	-	Terminal 31
2	-	Onboard supply control unit -J519-
3	-	Onboard supply control unit -J519-
4	-	Fuse 8 of fuse holder A -SA8-
5	-	--

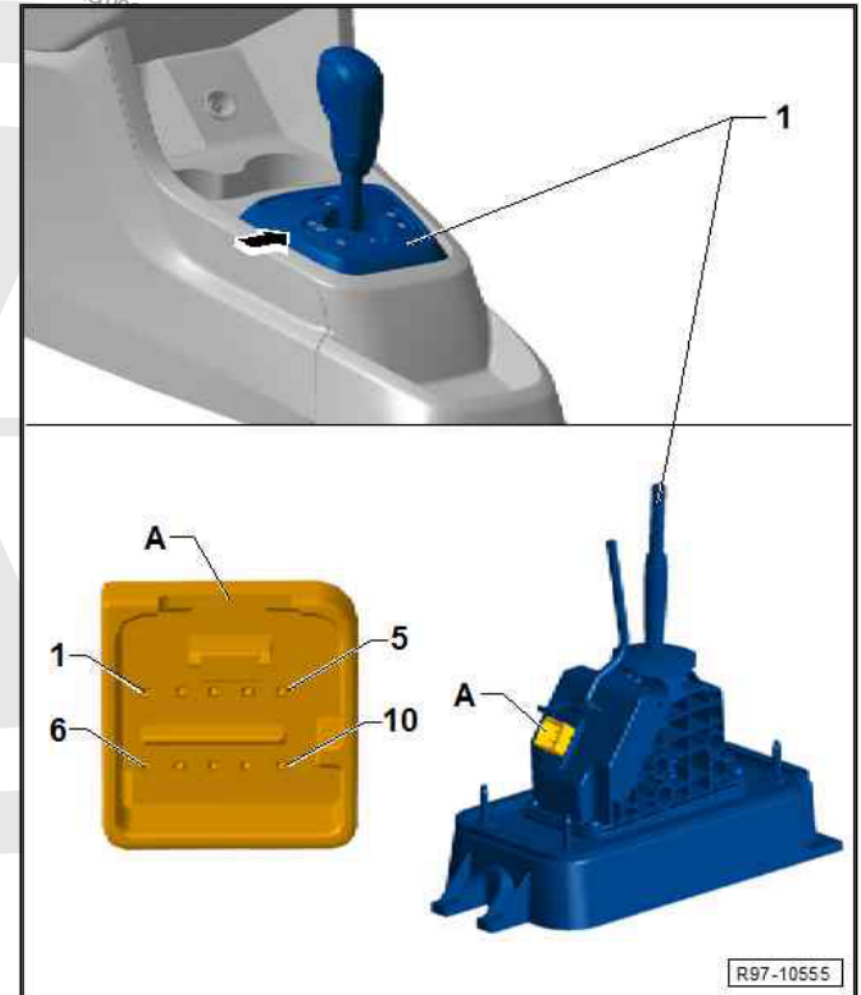
6	-	Dash panel insert -K-
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## 1.8 Selector lever sensors control unit -J587-

### 1.8.1 Fitting location:

1 - Selector lever sensors control unit -J587-

A - 10-pin connector in the selector lever sensors control unit -T10g-



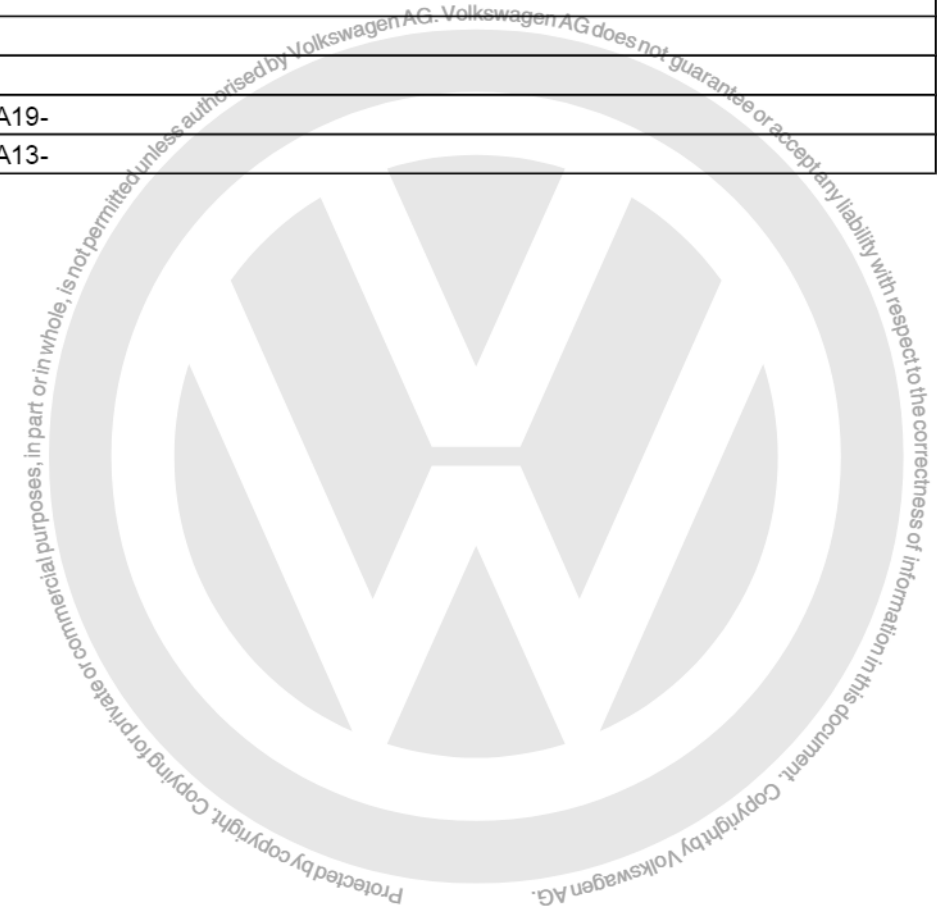
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## 1.8.2 Connector description: Selector lever sensors control unit -J587-

T10g	-	Function
1	-	Terminal 31
2	-	--
3	-	--
4	-	--
5	-	Terminal 58d
6	-	--
7	-	CAN-Bus, High
8	-	CAN-Bus, Low
9	-	Terminal 15, Fuse 19 of fuse holder A -SA19-
10	-	Terminal 30, Fuse 13 of fuse holder A -SA13-

## 1.9 Parking aid control unit -J446-

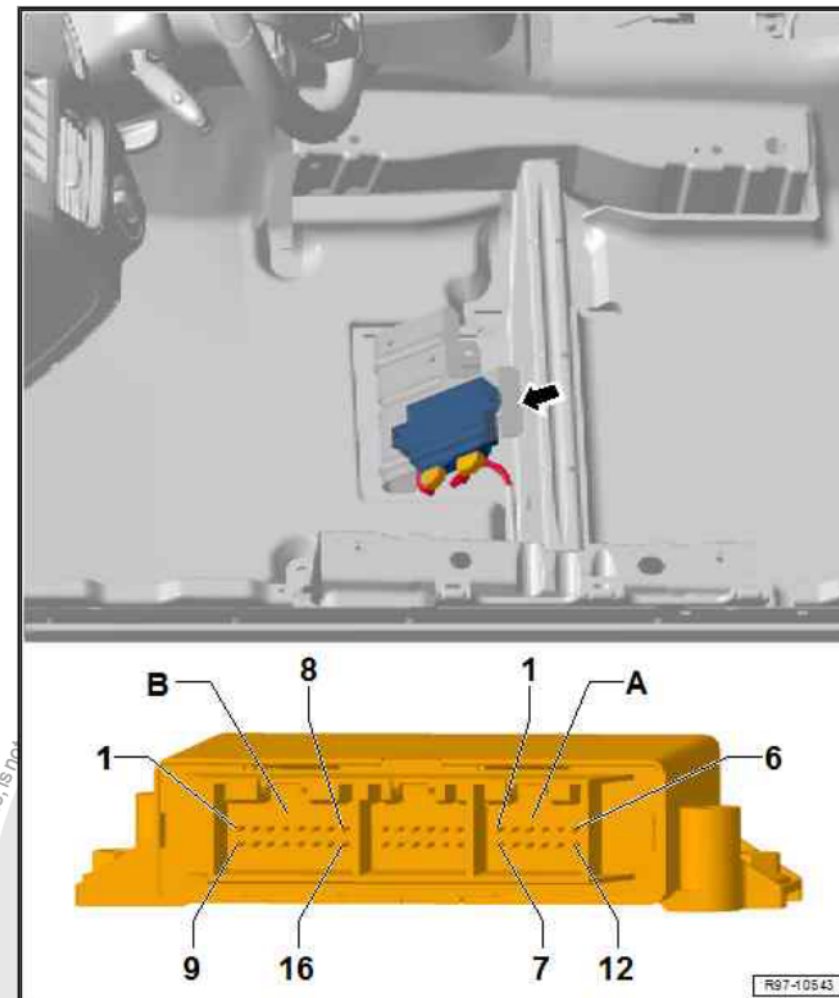
### 1.9.1 Fitting location:



1 - Parking aid control unit -J446-

A - 12-pin connector in the parking assist control unit -T12f-

B - 16-pin connector in the parking assist control unit -T16e-



### 1.9.2 Connector description: Parking aid control unit -J446-

T12f	-	Function	-	T16e	-	Function
1	-	--	-	1	-	Terminal 15, Fuse 38 in fuse holder B -SB38-
2	-	Rear right parking assist sensor, centre -G205-	-	2	-	Rear parking assist warning buzzer -H15-
3	-	Rear left parking assist sensor, centre -G204-	-	3	-	--
4	-	Rear right parking assist sensor -G206-	-	4	-	--
5	-	Rear left parking aid sender -G203-	-	5	-	--

6	-	--	-	6	-	CAN-Bus, High
7	-	--	-	7	-	--
8	-	Sensor, Mass, rear	-	8	-	Terminal 31
9	-	--	-	9	-	--
10	-	--	-	10	-	Rear parking assist warning buzzer -H15-
11	-	Sensor, voltage, rear	-	11	-	--
12	-	--	-	12	-	--
-	-	--	-	13	-	--
-	-	--	-	14	-	--
-	-	--	-	15	-	CAN-Bus, Low
-	-	--	-	16	-	--



